

ELECTRICAL APPLIANCES.



E. B. LATHAM & CO.

BROADWAY AND MURRAY ST.
NEW YORK, U.S.A.

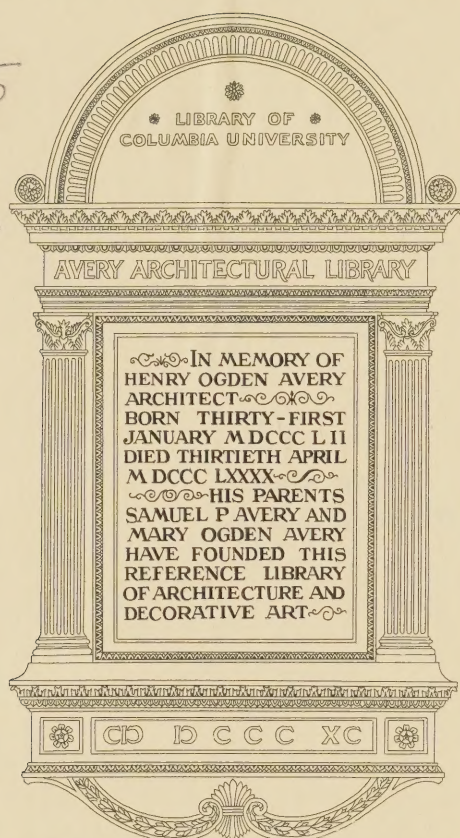
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ELECTRIC APPARATUS & APPLIANCES —

1912

GENERAL CATALOGUE No. 34

E. B. LATHAM & CO.

ELECTRIC LIGHT,
RAILWAY, MARINE, TELE-
GRAPH AND TELEPHONE
APPARATUS AND GENERAL
ELECTRICAL SUPPLIES



GENERAL OFFICES AND STOCKROOMS
BROADWAY AND MURRAY STREET
NEW YORK, U. S. A.

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R. R. Donnelley & Sons Co.

INTRODUCTION AND GENERAL INFORMATION

In compiling this General Catalogue, we have endeavored to make it a complete and up-to-date reference book of standard electrical supplies, illustrating and describing material for which there is a daily demand. Special catalogues, bulletins and prices furnished upon request, covering supplies and apparatus not fully described, or shown in this catalogue.

LIST PRICES—The list prices in this catalogue agree with latest correct list prices at time of issue, but are included for information only. They are not offered as a quotation, and are subject to market changes without notice. You will find our prices as low as good business and quality will permit.

TERMS—To parties of approved credit, net thirty days. Unless your standing is known to us or you have a rating with the Commercial Agencies, we recommend that you accompany your first order with a statement of your finances and references, so as to avoid delay in looking up your credit. C. O. D. orders must be accompanied by a remittance sufficient to pay express or freight charges both ways to insure us against loss should shipment be refused.

ORDERS—When ordering by telegraph, always use trade number as well as code word.

When ordering by mail, always use both manufacturer's number and trade number, when both numbers are given in catalogue.

When writing orders, use either regular customer's order book (which we will furnish upon request) or your own order blank. Orders should be kept separate from all other correspondence; if included in the body of a letter, both the order and reply to the letter may be delayed.

ROUTING SHIPMENTS—Customers should send shipping instructions with all orders; but if this is not done, we will use our own judgment in selecting route.

LOSS AND DAMAGE IN TRANSIT—We do not hold ourselves responsible for any loss or damage sustained in transit, and claims of such character should be made promptly against freight or express companies; but if we are notified of such claims, we will gladly lend our assistance to secure adjustment. We employ experienced packers and cannot be held responsible for breakage that occurs after we have obtained good order receipt from transportation companies.

SHORTAGE—All goods are double checked, to prevent errors and shortages. Claims for shortages should be made to us promptly.

RETURNING GOODS—No goods should be returned for credit or exchange without first taking the matter up with us and having an understanding. We stand ready at all times to rectify any mistake that we make, and without the least cost to our customers, but, under no circumstances, should goods be returned without first consulting us for shipping instructions. We will not receive goods returned without our authorization.

TELEGRAPH CODE

Owing to the increasing use of the Night Lettergram and Day Lettergram which do not permit the use of Code Words, we have considered it unnecessary to give each separate article a Code Word.

We would suggest using the long distance telephone in placing rush orders as this is the cheapest, everything considered, unless the distance is too great.

We give on the following pages Code Words which may be used for phrasing to reduce the length of a telegram.

The following system may be used for coding numerals in sending telegrams for figures that would otherwise require more than one word.

1	2	3	4	5	6	7	8	9	0	repeat
ca	be	fo	gi	ar	gl	kn	qu	th	sd	y

Example, to order the following :

Ship by express 125 No. 2047 Switches.

Sauterne Cabear Besdgikn Switches.

This code can also be used in giving voltage of lamps, dimensions, etc.

We have assigned to each article listed a Trade Number which should always be used in ordering or asking for quotations.

The Trade Number should always be used instead of the Manufacturer's Number. Many manufacturers assign the same series of numbers to their specialties, resulting in a duplication of numbers when the articles are all listed together in a Jobber's Catalogue.

TELEGRAPH CODE

CODE WORDS FOR ORDERS

Add to our order of. Saturable
 Cancel our order of. Saturate
 Change our order of. Saturation
 Do not understand order,
 please give full details. Saturine
 Duplicate order of. Saturn
 Have entered order and will
 ship. Saturnalia
 Have none in stock. Saturnian
 Have you in stock. Satyr
 Have you in stock? If not,
 how soon can you ship. Satyric
 Hold for instructions our or-
 der of. Savoury

Hurry forward goods on our
 order of. Savoy
 Too late to cancel order. Sawdust
 We cannot accept your order
 at the price. Saxafrage
 We have completed your or-
 der. Saxatile
 We have entered your order. Saxon
 We will accept your order. Saxonism
 We will accept your order and
 make immediate shipment. Scab
 We will complete your order
 by. Scabbard

CODE WORDS FOR SHIPMENTS

Answer by wire when you will
 ship. Urgent. Scansorial
 Can you ship? Scantily
 Can you ship in—days? Scanty
 Can you ship immediately? Scapegrace
 Can you ship at once upon
 receipt of order? Scapement
 Can ship in. Scaphoid
 Can ship upon receipt of or-
 der. Scapular
 Can ship in two days. Scarabeus
 Can ship in three days. Scaramunch
 Can ship in four days. Scarcely
 Can ship in five days. Scarcity
 Can ship in six days. Scarecrow
 Can ship in one week from re-
 ceipt of order if advised at
 once. Scarf
 Can ship in two weeks from
 receipt of order if advised
 at once. Scarfing

Can begin shipping at once
 and complete in—days. Scammony
 Can you ship from stock if
 advised immediately. Scamp
 Enter our order if can ship at
 once. Scan
 Enter our order if can ship in
 —days. Scandal
 First shipment will be made. Scandalize
 Have you shipped goods on
 our order? If not, when will
 you ship? Scandalous
 Have you sent tracer as re-
 quested. Scandalously
 How soon can you ship? Scandalousness
 How soon can you make first
 shipment, and how fast re-
 mainder. Scanning
 We ship you today. Scansion
 We will ship. Scansores

CODE WORDS FOR SHIPPING INSTRUCTIONS

Hold order of—subject to
 further shipping instruc-
 tions. Scarification
 Hold subject to order. Scarifier
 Hold subject to our order. Scarify
 If you cannot fill order in full,
 ship all you can, and let bal-
 ance follow as soon as possible. Scarlatina
 If you cannot ship in time
 named, advise by telegraph. Scarlet
 Impossible to make complete
 shipment of your order.
 Shall we make partial ship-
 ment, balance to follow? Scarry
 Instructions by mail. Scath
 Prepay freight. Scathless
 Send by freight. Draft at-
 tached to bill of lading
 through—Bank. Scatter
 Send by express C. O. D. Scattering
 Send tracer immediately after
 shipment of the. Scavenger
 Shall we ship by express C.
 O. D.? Scene

Shall we ship by freight; draft
 attached to bill lading? If
 any bank preferred, advise
 immediately. Sanskrit
 Ship by Adams Express. Sauce
 Ship by American Express. Saucer
 Ship by National Express. Saunter
 Ship by United States Ex-
 press. Sauntering
 Ship by Wells, Fargo Express. Saurian
 Ship by boat. Sausage
 Ship by express. Sauterne
 Ship by freight. Savage
 Shipping instructions will be
 sent you. Savageness
 Shipped by express on the. Savanna
 Shipped by freight on the. Savant
 Telegraph shipping instruc-
 tions for your order of. Savirg
 Wait receipt of letter before
 proceeding with order. Saviour
 Will ship by express C.O.D. Savourily
 Will ship by freight D.B.L. Savoury
 We await your instructions. Savouriness
 We are holding for shipping
 instructions. Savourless

TELEGRAPH CODE

CODE WORDS FOR QUOTATIONS

At what price can you furnish..Satchee
 Cannot make better price.....Satellite
 In response to your inquiry we
 quote in the order noted in
 your letter or telegram as fol-
 lows.....Satiabie
 Quote us by return mail.....Satiatie
 Quote us by return mail, stating
 how soon you can ship.....Satiety
 Quote us by telegraph.....Satinet
 Quotations withdrawn; see re-
 vised prices to-day's letter...Satire
 Referring to your order received
 to-day, dated —— item of
 —— should be priced at
 —— Cannot do better.
 Shall we ship at the price?...Satirical

See our quotation of the ——
 price on —— Can now
 quote.....Sardonic
 Telegraph lowest price and how
 soon you can ship.....Sardony
 We cannot accept at the price..Sarking
 We quote.....Sarment
 We quote for shipment from
 factory.....Sarsaparilla
 We quote for shipment from
 stock.....Sartorious
 We quote subject to immediate
 acceptance.....Sasine
 We will equalize freight with ..Sash

CODE WORDS FOR TERMS

As we have no knowledge of
 your financial responsibility,
 we will ship express C. O. D.
 (or freight D. B. L.).....Satirist
 Cannot accept at the terms you
 make.....Saturize
 Cash on delivery.....Satisfaction
 Express to be paid by.....Satisfy

Freight to be paid by.....Satrap
 Net cash in 30 days.....Sassafras
 Our terms are: Cash in full on
 the 15th of the month follow-
 ing date of purchase.....Satan
 Please honor our draft for.....Satanic
 Unless advised to the contrary,
 we will make sight draft on
 you for.....Satanically

CODE WORDS FOR LETTERS AND TELEGRAMS

Advise freight rate here per 100 lbs. onSapidness
 Answer by mailSapient
 Answer by telegraph.....Sapless
 Instructions by mail.....Sapling
 Please give quantity desired. See yours ofSaponaceous
 Please specify quantity desired and trade word. See yours ofSaponification
 Our representative will call upon you about the.....Saponify
 Referring to our letter of.....Sapor
 Referring to your letter of.....Saporifice
 Referring to our telegram of.....Sapper
 Referring to your telegram ofSapphic
 See catalogue pageSapphire
 Send your representative here at once. Will buy on theSappiness
 Telegraph night messageSappy
 Telegraph immediatelySaraband
 Telegraph reply as soon as possible.....Saracen
 We are mailing you quotations to-daySarcastm
 We have no letter from you.....Sarcastic
 We have no telegram from you.....Sarcenet
 We mailed you full quotation on theSarcocaro
 We write you fully to-day.....Sarcophagus
 What can you substitute in place of.....Sarcology
 Why do you not telegraph?.....Sarcoses
 Why do you not telegraph answer to inquiry of?.....Sardine
 Will write you fully in a day or two.....Sardinian

ARROW E SPECIAL SOCKETS

SOCKETS WITH EXTRA LONG KEYS

The key sockets listed in this catalogue have keys three-quarter inches long, but can be fitted with longer keys on special order which must specify distance desired between outside of shell and end of handle.

Sockets with keys 1 inch long have the same price and standard package as $\frac{3}{4}$ -inch keys. Sockets with $1\frac{1}{4}$, $1\frac{1}{2}$, 2 and $2\frac{1}{2}$ -inch keys, add to list price of standard sockets, 5 cents. Standard package, 100 of one length.

On orders for sockets with extra long keys where the length is not given, it is our rule to ship $1\frac{1}{2}$ -inch.

SOCKETS WITH EXTENSION KEYS

We are prepared to furnish our sockets with extension keys, as shown in the illustration, designed to receive a special key, furnished by the fixture manufacturer, to match the fixture.

The threaded metal part of the extension key is thoroughly insulated from the other parts of the socket. The screw is $\frac{3}{8}$ inches in diameter, and threaded to No. 6-32. Add to list price of standard sockets, 7 cents. Standard package, 100.

SOCKETS WITH METAL KEYS

We are prepared to fit to any key socket in this catalogue a metal key as shown in the adjoining illustration. This key is detachable, so that it may be given the same finish as the socket or fixture. The standard metal key measures $\frac{3}{4}$ inch from the end to the shell. Longer keys will be furnished on special order.

Sockets with metal keys not longer than 1 inch, add to list price of standard socket, 7 cents. Sockets with metal keys longer than 1 inch, add to list price of standard socket, 12 cents. Standard package, 100 of one length.

PULL SOCKETS WITH EXTENSION CHAIN GUIDES

Pull sockets used with husks or other fixtures often require extension chain guides in order that the chain may hang clear of the shade. Our extension chain guides are detachable in the same easy manner as the standard guides used on our regular pull sockets. They are attached to the socket interior and not to the shell, thus making it possible to convert our standard pull sockets into pull sockets with extension chain guides. By carrying a stock of guides there is no necessity of stocking a separate line of completed sockets with various lengths of chain guides attached.

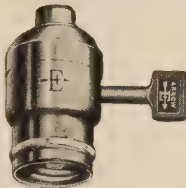
Standard lengths of chain guides: $\frac{3}{4}$ inch, 1 inch, $1\frac{1}{4}$ inch and $1\frac{1}{2}$ inch.

List price either assembled on sockets or loose, 12 cents. Standard package quantity, 50 of one length or 100 of assorted lengths. When furnished separately, add 2 cents to list price for special finishes.

PULL SOCKETS WITH INSULATED CHAIN

We can furnish any of our pull sockets equipped with insulated chain. This insulation is accomplished by inserting a piece of fibre rod in the chain about 2 inches below the chain guides. For sockets so equipped, add 15 cents to the list price.

The standard package quantity will be the same as for the standard sockets, in connection with which the insulated chain is ordered.



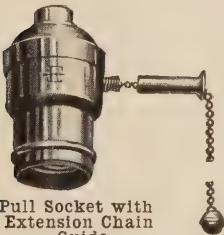
Socket with
Extra Long
Key



Socket for
Extension Key



Socket with
Metal Key



Pull Socket with
Extension Chain
Guide



Insulated Chain

ARROW FORTY SOCKETS



Key



Keyless



Pull



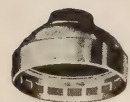
1/8-inch Cap



1/4-inch Cap



3/8-inch Cap



Pendent Cap



3/8-inch Male Thread Cap

WITH 1/8-INCH CAP

Trade No.	Mfrs. No.	Style	Std. Pkg.	Pkg. Wt. Lbs.	Price Each
074896	8000	Key	500	140	\$0.33
074897	8003	Keyless	500	130	.30
074898	8500	Pull	250	75	.60
074899	8008	With 1/8-inch Cap and 2 1/4-inch Shade Holder Key	500	170	.39
074900	8011	Keyless	500	160	.36
074901	8504	Pull	250	90	.66
074902	8016	With 1/8-inch Cap and 3 1/4-inch Shade Holder Key	100	55	.47
074903	8019	Keyless	100	50	.44
074904	8508	Pull	100	50	.74

WITH 1/4-INCH CAP

074905	8001	Key	250	75	.39
074906	8004	Keyless	250	70	.36
074907	8501	Pull	100	28	.66
074908	8009	With 1/4-inch Cap and 2 1/4-inch Shade Holder Key	250	90	.45
074909	8012	Keyless	250	85	.42
074910	8505	Pull	100	40	.72
074911	8017	With 1/4-inch Cap and 3 1/4-inch Shade Holder Key	100	45	.53
074912	8020	Keyless	100	40	.50
074913	8509	Pull	100	45	.80

WITH 3/8-INCH CAP

074914	8002	Key	250	80	.39
074915	8005	Keyless	250	75	.36
074916	8502	Pull	100	30	.66
074917	8010	With 3/8-inch Cap and 2 1/4-inch Shade Holder Key	250	90	.45
074918	8013	Keyless	250	85	.42
074919	8506	Pull	100	40	.72
074920	8018	With 3/8-inch Cap and 3 1/4-inch Shade Holder Key	100	50	.53
074921	8021	Keyless	100	45	.50
074922	8510	Pull	100	45	.80

WITH PENDENT CAP

074923	8006	Key	500	140	.33
074924	8007	Keyless	500	130	.30
074925	8503	Pull	250	75	.60
074926	8014	With Pendant Cap and 2 1/4-inch Shade Holder Key	500	170	.39
074927	8015	Keyless	500	160	.36
074928	8507	Pull	250	90	.66
074929	8022	With Pendant Cap and 3 1/4-inch Shade Holder Key	100	55	.47
074930	8023	Keyless	100	50	.44
074931	8511	Pull	100	50	.74

WITH 3/8-INCH MALE THREAD CAP

074932	8028	Key	250	80	.39
074933	8029	Keyless	250	75	.36
074934	8512	Pull	100	30	.66

Sockets with male thread can be furnished with shade holders attached on special order at same prices as for 3/8-inch female thread shade holder sockets listed above.

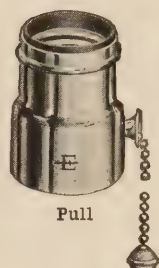
ARROW FORTY SOCKETS



Key



Keyless



Pull

Standard
Wall Base

Trade No.	Mfrs. No.	Style	Supporting Screws Centered, Ins.	Std. Pkg.	Pkg. Wt. Lbs.	Price Each
074935	8025	Key	1 1/8	250	115	\$0.44
074936	8026	Keyless	1 1/8	250	110	.40
074937	8515	Pull	1 1/8	100	40	.70

Can be furnished with slotted base on special order.



Angle Wall Base

Trade No.	Mfrs. No.	Style	Supporting Screws Centered, Ins.	Std. Pkg.	Pkg. Wt. Lbs.	Price Each
074938	8030	Key	1 1/8	100	60	.55
074939	8031	Keyless	1 1/8	100	55	.50
074940	8516	Pull	1 1/8	50	30	.70

With Small Covered Wall Base

Trade No.	Mfrs. No.	Style	Supporting Screws Centered, Ins.	Std. Pkg.	Pkg. Wt. Lbs.	Price Each
074941	8040	Key	1 3/4	250	118	.44
074942	8041	Keyless	1 3/4	250	113	.40
074943	8520	Pull	1 3/4	100	43	.75

With Large Covered Wall Base

Trade No.	Mfrs. No.	Style	Supporting Screws Centered, Ins.	Std. Pkg.	Pkg. Wt. Lbs.	Price Each
074944	8042	Key	2	100	105	.49
074945	8043	Keyless	2	100	100	.45
074946	8521	Pull	2	50	35	1.00

With Insulated Base For Metal Ceilings

Trade No.	Mfrs. No.	Style	Supporting Screws Centered, Ins.	Std. Pkg.	Pkg. Wt. Lbs.	Price Each
074947	8044	Key	2	100	115	.49
074948	8045	Keyless	2	100	110	.45
074949	8522	Pull	2	50	60	1.00

With One-Way Base For National Metal Molding

Trade No.	Mfrs. No.	Style	Supporting Screws Centered, Ins.	Std. Pkg.	Pkg. Wt. Lbs.	Price Each
074950	8046	Key	...	250	...	.44
074951	8047	Keyless	...	250	...	.40
074952	8523	Pull	...	100	...	.70

With Two-Way Base For National Metal Molding

Trade No.	Mfrs. No.	Style	Supporting Screws Centered, Ins.	Std. Pkg.	Pkg. Wt. Lbs.	Price Each
074953	8048	Key	...	250	...	.44
074954	8049	Keyless	...	250	...	.40
074955	8524	Pull	...	100	...	.70

With K.-W. Concealed Rosette Base

Trade No.	Mfrs. No.	Style	Supporting Screws Centered, Ins.	Std. Pkg.	Pkg. Wt. Lbs.	Price Each
074956	8050	Key	1 5/8	100	80	.60
074957	8051	Keyless	1 5/8	50	47	.55
074958	8525	Pull	1 5/8	20	15	1.10

With K.-W. Cleat Rosette Base

Trade No.	Mfrs. No.	Style	Supporting Screws Centered, Ins.	Std. Pkg.	Pkg. Wt. Lbs.	Price Each
074959	8052	Key	1 5/8	100	82	.60
074960	8053	Keyless	1 5/8	50	47	.55
074961	8526	Pull	1 5/8	20	15	1.10

With K.-W. Two-Wire Molding Rosette Base

Trade No.	Mfrs. No.	Style	Supporting Screws Centered, Ins.	Std. Pkg.	Pkg. Wt. Lbs.	Price Each
074962	8054	Key	1 5/8	100	82	.60
074963	8055	Keyless	1 5/8	50	47	.55
074964	8527	Pull	1 5/8	20	15	1.10

With K.-W. Combination Rosette Base

Trade No.	Mfrs. No.	Style	Supporting Screws Centered, Ins.	Std. Pkg.	Pkg. Wt. Lbs.	Price Each
074965	8056	Key	1 5/8	100	88	.60
074966	8057	Keyless	1 5/8	50	43	.55
074967	8528	Pull	1 5/8	20	15	1.10

Combination
Rosette Base

ARROW E TWENTY-POINT ADJUSTMENT SOCKETS



Key



Keyless



Pull


WITH $\frac{1}{8}$ -INCH CAP

	Trade No.	Mfrs. No.		Std. Pkg.	Wt., Lbs. Std.	Price Each
	079754	59480	Key.....	500	140	\$0.33
	079755	59482	Keyless.....	500	130	.30
	079756	65250	Pull.....	250	75	.60

With $\frac{1}{8}$ -inch Cap and $2\frac{1}{4}$ -inch Shade Holder Attached

$\frac{1}{8}$ -inch Cap	079757	59488	Key.....	500	170	.39
	079758	59490	Keyless.....	500	160	.36
	079759	65253	Pull.....	250	90	.66

With $\frac{1}{8}$ -inch Cap and $3\frac{1}{4}$ -inch Shade Holder Attached

	079760	59494	Key.....	100	55	.47
	079761	59496	Keyless.....	100	50	.44
	079762	65256	Pull.....	100	50	.74

WITH $\frac{1}{4}$ -INCH CAP

$\frac{1}{4}$ -inch Cap	079763	7509	Key.....	250	75	.39
	079764	7510	Keyless.....	250	70	.36
	079765	4511	Pull.....	100	28	.66

WITH $\frac{3}{8}$ -INCH CAP

	079766	59481	Key.....	250	80	.39
	079767	59483	Keyless.....	250	75	.36
	079768	65251	Pull.....	100	30	.66

With $\frac{3}{8}$ -inch Cap and $2\frac{1}{4}$ -inch Shade Holder Attached

$\frac{3}{8}$ -inch Cap	079769	59489	Key.....	250	90	.45
	079770	59491	Keyless.....	250	85	.42
	079771	65254	Pull.....	100	40	.72

With $\frac{3}{8}$ -inch Cap and $3\frac{1}{4}$ -inch Shade Holder Attached

$\frac{3}{8}$ -inch Cap	079772	59495	Key.....	100	50	.53
	079773	59497	Keyless.....	100	45	.50
	079774	65257	Pull.....	100	45	.80

WITH PENDENT CAP

	079775	59486	Key.....	500	140	.33
	079776	59487	Keyless.....	500	130	.30
	079777	65252	Pull.....	250	75	.60

With Pendent Cap and $2\frac{1}{4}$ -inch Shade Holder Attached

Pendent Cap	079778	59492	Key.....	500	170	.39
	079779	59493	Keyless.....	500	160	.36
	079780	65255	Pull.....	250	90	.66

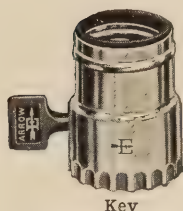
With Pendent Cap and $3\frac{1}{4}$ -inch Shade Holder Attached

	079781	59498	Key.....	100	55	.47
	079782	59499	Keyless.....	100	50	.44
	079783	65258	Pull.....	100	50	.74

WITH $\frac{3}{8}$ -INCH MALE THREAD CAP

$\frac{3}{8}$ -inch Male Thread Cap	079784	59484	Key.....	250	80	.39
	079785	59485	Keyless.....	250	75	.36
	079786	4512	Pull.....	100	30	.66

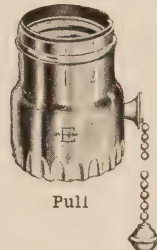
ARROW E TWENTY-POINT ADJUSTMENT SOCKETS



Key



Keyless



Pull

 $\frac{1}{8}$ -inch Angle Cap

Trade No.	Mfrs. No.
079787	7500
079788	7501
079789	4502

WITH $\frac{1}{8}$ -INCH ANGLE CAP

	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
Key.....	100	30	\$0.33
Keyless.....	100	28	.35
Pull.....	50	18	.65

 $\frac{1}{4}$ -inch Angle Cap

Trade No.	Mfrs. No.
079790	7503
079791	7504
079792	4505

WITH $\frac{1}{4}$ -INCH ANGLE CAP

	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
Key.....	100	30	.44
Keyless.....	100	28	.41
Pull.....	50	18	.71

 $\frac{3}{8}$ -inch Angle Cap

Trade No.	Mfrs. No.
079793	7506
079794	7507
079795	4508

WITH $\frac{3}{8}$ -INCH ANGLE CAP

	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
Key.....	100	33	.44
Keyless.....	100	31	.41
Pull.....	50	22	.71



Standard Wall Base

Trade No.	Mfrs. No.
079796	66609
079797	66610
079798	66611

WITH STANDARD WALL BASE

	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
Key.....	250	115	.44
Keyless.....	250	110	.40
Pull.....	100	40	.70

Holes for supporting screws are spaced $1\frac{1}{4}$ inches on centers. These sockets may be furnished with slotted base, on special order.



Angle Wall Base

Trade No.	Mfrs. No.
079799	68224
079800	68225
079801	68236

WITH ANGLE WALL BASE

	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
Key.....	100	60	.55
Keyless.....	100	55	.50
Pull.....	50	30	.70

Holes for supporting screws are spaced $1\frac{1}{8}$ inches on centers.



Small Covered Wall Base

Trade No.	Mfrs. No.
079802	68136
079803	68137
079804	68138

WITH SMALL COVERED WALL BASE

	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
Key.....	250	118	.44
Keyless.....	250	113	.40
Pull.....	100	43	.75

Holes for supporting screws are spaced $1\frac{3}{4}$ inches on centers.



Large Covered Wall Base

Trade No.	Mfrs. No.
079805	68139
079806	68140
079807	68128

WITH LARGE COVERED WALL BASE

	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
Key.....	100	105	.49
Keyless.....	100	100	.45
Pull.....	50	35	1.00

Holes for supporting screws are spaced 2 inches on centers.



Insulated Base

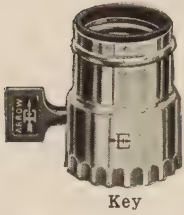
Trade No.	Mfrs. No.
079808	7513
079809	7514
079810	4515

WITH INSULATED BASE FOR METAL CEILINGS

	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
Key.....	100	115	.49
Keyless.....	100	110	.45
Pull.....	50	60	1.00

Holes for supporting screws are spaced 2 inches on centers.

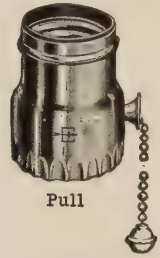
ARROW E TWENTY-POINT ADJUSTMENT SOCKETS



Key



Keyless



Pull



One-Way Base

WITH ONE-WAY BASE FOR NATIONAL METAL MOLDING

Trade No.	Mfrs. No.		Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
079811	7516	Key.....	250	....	\$0.44
079812	7517	Keyless	250	....	.40
079813	4517	Pull	100	....	.70



Two-Way Base

WITH TWO-WAY BASE FOR NATIONAL METAL MOLDING

079814	7518	Key.....	250	....	.44
079815	7519	Keyless	250	....	.40
079816	4519	Pull	100	....	.70



Concealed Rosette Base

WITH K-W CONCEALED ROSETTE BASE

079817	68226	Key.....	100	80	.60
079818	68231	Keyless	50	47	.55
079819	68237	Pull	20	15	1.10

Holes for supporting screws are spaced $1\frac{5}{8}$ inches on centers.



Cleat Rosette Base

WITH K-W CLEAT ROSETTE BASE

079820	68227	Key.....	100	82	.60
079821	68232	Keyless	50	47	.55
079822	68238	Pull	20	15	1.10

Holes for supporting screws are spaced $1\frac{5}{8}$ inches on centers.



Two-Wire Molding Rosette Base

WITH K-W TWO-WIRE MOLDING ROSETTE BASE

079823	68228	Key.....	100	82	.60
079824	68233	Keyless	50	47	.55
079825	68239	Pull	20	15	1.10

Holes for supporting screws are spaced $1\frac{5}{8}$ inches on centers.



Combination Rosette Base

WITH K-W COMBINATION ROSETTE BASE

079826	68230	Key.....	100	88	.60
079827	68235	Keyless	50	43	.55
079828	68241	Pull	20	15	1.10

Holes for supporting screws are spaced $1\frac{5}{8}$ inches on centers.

ARROW E STANDARD TYPE SOCKETS



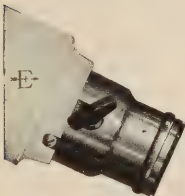
No. 9386



No. 9184



No. 50717



No. 50753



No. 7001 No. 66237

WITH 1/8-INCH CAP

Trade No.	Mfrs. No.		Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
079875	9386	Key.....	500	130	\$0.33
079876	9392	Keyless.....	500	120	.30

With 1/8-inch Cap and 2 1/4-inch Shade Holder Attached

079877	27740	Key.....	500	150	.39
079878	27741	Keyless.....	500	140	.36

With 1/8-inch Cap and 3 1/4-inch Shade Holder Attached

079879	29400	Key.....	100	45	.47
079880	29402	Keyless.....	100	40	.44

WITH 3/8-INCH CAP

079881	50760	Key.....	250	75	.39
079882	50768	Keyless.....	250	70	.36

With 3/8-inch Cap and 2 1/4-inch Shade Holder Attached

079883	28719	Key.....	250	80	.45
079884	28720	Keyless.....	250	80	.42

With 3/8-inch Cap and 3 1/4-inch Shade Holder Attached

079885	29401	Key.....	100	50	.53
079886	29403	Keyless.....	100	45	.50

WITH STANDARD WALL BASE

079887	9184	Key.....	250	110	.44
079888	9185	Keyless.....	250	105	.40
079889	50717	Keyless.....	250	67	.25

Holes for supporting screws are spaced 1 1/8 inches on centers.

These sockets may be furnished with slotted base on special order.

WITH ANGLE WALL BASE

079890	50753	Key.....	100	55	.55
079891	50755	Keyless.....	100	50	.50

Holes for supporting screws are spaced 1 1/8 inches on centers.

ELECTROLIER SOCKETS, KEYLESS

Twenty-Point Adjustment					
079829	7001	With 1/8-inch cap..	500	84	.30
Screw Cap Type					
079830	66237	With 1/8-inch cap..	250	42	.40

SOCKETS WITH SPECIAL FINISHES

Special Finishes on Key and Keyless Sockets

The standard finish of all brass shell sockets is polished brass. Brush brass is furnished at same price.

All sockets with shade holders attached, in special finishes, 2 cents list more than corresponding sockets without shade holders.

Standard package same as regular finish, but regular and special finishes of one number may be assorted to make up quantity.

Sockets in polished or rich gilt, wrought iron, Bauer-Barff, add to list price..... .02

Sockets in all other brass finishes except sand blast, all copper finishes except sand blast, polished nickel, statuary bronze, add to list price..... .04

Sockets in all other finishes carry an extra price of 6 cents except on orders for 500 of one finish, in which case, add to list price..... .04

Pull Sockets

Pull sockets in polished or rich gilt, wrought iron Bauer-Barff, add to list price..... .03

Pull sockets in oxidized copper and polished nickel, add to list price..... .06

Pull sockets in Old English bronze, oxidized brass, etruscan gilt, mottled copper, polished bronze, polished steel, lemon brass, burnished gilt, antique brass, English bronze, gold bronze, antique copper, polished copper, acid bronze, ormolu gilt, add to list price..... .10

Pull sockets in oxidized silver, butler's silver, Pompeian bronze, polished silver, satin gold, Roman gold, gun metal, sand blast antique brass, sand blast old brass, add to list price..... .15

Special finishes on extra chain, add to list price per foot.... .02
Extra chain for pull sockets, when attached to socket, add to list price per foot..... .10

G-E FLUTED-CATCH SOCKETS



Key



Keyless



Pull



1/8-inch Cap

Trade
No.

Mfrs.
No.

With 1/8-inch Cap

Key.....	500	\$0.33
Keyless.....	500	.30
Pull.....	250	.60

Std.
Pkg.

Price
Each



1/4-inch Cap

071368
071369
071370

GE 303
GE 304
GE 305

With 1/4-inch Cap

Key.....	250	.39
Keyless.....	250	.36
Pull.....	100	.66



3/8-inch Cap

071371
071372
071373

GE 306
GE 307
GE 308

With 3/8-inch Cap

Key.....	250	.39
Keyless.....	250	.36
Pull.....	100	.66



Male Thread Cap

071374
071375
071376

GE 309
GE 310
GE 311

With 3/8-inch Male Thread Cap

Key.....	250	.39
Keyless.....	250	.36
Pull.....	100	.66



Pendant Cap

071377
071378
071379

GE 312
GE 313
GE 314

With Pendant Cap

Key.....	500	.33
Keyless.....	500	.30
Pull.....	250	.60



Angle Cap

071380
071381
071382
071383
071384
071385

GE 315
GE 316
GE 317
GE 318
GE 319
GE 320

With 1/4-inch Angle Cap

Key.....	100	.39
Keyless.....	100	.35
Pull.....	50	.65

With 1/4-inch Angle Cap

Key.....	100	.44
Keyless.....	100	.41
Pull.....	50	.71

With 3/8-inch Angle Cap

Key.....	100	.44
Keyless.....	100	.41
Pull.....	50	.71



Electrolizer
Socket

071389
071390
071391
071392

GE 372
GE 373
GE 374
GE 375

ELECTROLIZER SOCKETS

With 1/8-inch Cap

Key.....	500	.33
Keyless.....	500	.30

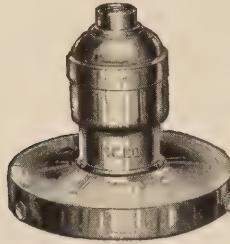
With 1/8-inch Angle Cap

Key.....	100	.48
Keyless.....	100	.45

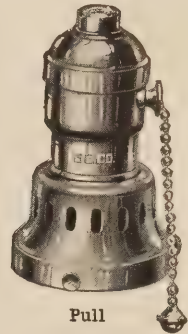
G-E FLUTED-CATCH SOCKETS



Key



Keyless



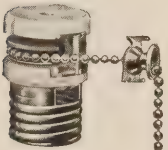
Pull

		With 1/8-inch Cap and 2 1/4-inch Shade Holder		
Trade No.	Mfrs. No.		Std. Pkg.	Price Each
071393	GE345	Key.....	500	\$0.39
071394	GE346	Keyless.....	500	.36
071395	GE347	Pull.....	250	.66
		With 3/8-inch Cap and 2 1/4-inch Shade Holder		
071396	GE348	Key.....	250	.45
071397	GE349	Keyless.....	250	.42
071398	GE350	Pull.....	100	.72
		With Pendant Cap and 2 1/4-inch Shade Holder		
071399	GE351	Key.....	500	.39
071400	GE352	Keyless.....	500	.36
071401	GE353	Pull.....	250	.66
		With 1/8-inch Cap and 3 1/4-inch Shade Holder		
071402	GE363	Key.....	100	.47
071403	GE364	Keyless.....	100	.44
071404	GE365	Pull.....	100	.74
		With 3/8-inch Cap and 3 1/4-inch Shade Holder		
071405	GE366	Key.....	100	.53
071406	GE367	Keyless.....	100	.50
071407	GE368	Pull.....	100	.80
		With Pendant Cap and 3 1/4-inch Shade Holder		
071408	GE369	Key.....	100	.47
071409	GE370	Keyless.....	100	.44
071410	GE371	Pull.....	100	.74
		With 1/8-inch Cap and Form H Shade Holder		
071411	GE354	Key.....	500	.43
071412	GE355	Keyless.....	500	.40
071413	GE356	Pull.....	250	.70
		With 3/8-inch Cap and Form H Shade Holder		
071414	GE357	Key.....	250	.49
071415	GE358	Keyless.....	250	.46
071416	GE359	Pull.....	100	.76
		With Pendant Cap and Form H Shade Holder		
071417	GE360	Key.....	500	.43
071418	GE361	Keyless.....	500	.40
071419	GE362	Pull.....	250	.70

HUBBELL PULL SOCKETS



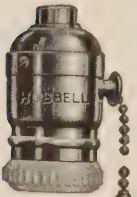
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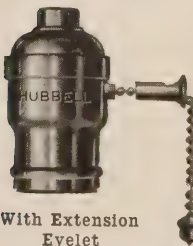
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No. 3627



No. 35037

With Extension
Eyelet

Trade No.	Mfrs. No.	LOCK SHELL FASTENING	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
045501	35000	Edison, 1/8-inch cap	250	64	\$0.60
045502	3766	Edison, 1/4-inch cap	100	25	.66
045503	35001	Edison, 3/8-inch cap	100	28	.66
084263	35040	Edison, pendent cap	250	64	.60
		With Male Thread Caps			
084264	3789	Edison, 1/8-inch cap	250	55	.60
084265	3790	Edison, 1/4-inch cap	100	25	.66
084266	3791	Edison, 3/8-inch cap	100	28	.66
		With 2 1/4-inch Shade Holder Attached			
045504	3600	Edison, 1/8-inch cap	250	85	.66
045505	3601	Edison, 1/4-inch cap	100	38	.72
045506	3602	Edison, pendent cap	250	85	.66
		With 3 1/4-inch Shade Holder Attached			
045507	3603	Edison, 1/8-inch cap	100	35	.74
045508	3604	Edison, 3/8-inch cap	100	43	.80
045509	3605	Edison, pendent cap	100	35	.74
		With Porcelain Bushing			
045510	35037	Edison, 1/8-inch cap	250	66	.65
045511	35044	Edison, 3/8-inch cap	100	30	.71
		QUICK CATCH FASTENING			
045512	3618	Edison, 1/8-inch cap	250	64	.60
045513	3769	Edison, 1/4-inch cap	100	25	.66
045514	3619	Edison, 3/8-inch cap	100	28	.66
084267	3620	Edison, pendent cap	250	64	.60
		With Angle Caps			
084268	3757	Edison, 1/8-inch cap	50	12	.65
084269	3760	Edison, 1/4-inch cap	50	13	.71
084270	3763	Edison, 3/8-inch cap	50	15	.71
		With Male Thread Caps			
084271	3775	Edison, 1/8-inch cap	250	55	.60
084272	3776	Edison, 1/4-inch cap	100	25	.66
084273	3777	Edison, 3/8-inch cap	100	28	.66
		With 2 1/4-inch Shade Holder Attached			
045515	3621	Edison, 1/8-inch cap	250	85	.66
045516	3622	Edison, 3/8-inch cap	100	38	.72
045517	3623	Edison, pendent cap	250	85	.66
		With 3 1/4-inch Shade Holder Attached			
045518	3624	Edison, 1/8-inch cap	100	35	.74
045519	3625	Edison, 3/8-inch cap	100	43	.80
045520	3626	Edison, pendent cap	100	35	.74
		SNAP SHELL FASTENING			
045521	3627	Edison, 1/8-inch cap	250	64	.60
084274	3772	Edison, 1/4-inch cap	100	25	.66
045522	3628	Edison, 3/8-inch cap	100	28	.66
045523	3629	Edison, pendent cap	250	64	.60
		With Male Thread Caps			
084275	3782	Edison, 1/8-inch cap	250	55	.60
084276	3783	Edison, 1/4-inch cap	100	25	.66
084277	3784	Edison, 3/8-inch cap	100	28	.66
		With 2 1/4-inch Shade Holder Attached			
045524	3630	Edison, 1/8-inch cap	250	85	.66
045525	3631	Edison, 3/8-inch cap	100	38	.72
045526	3632	Edison, pendent cap	250	85	.66
		With 3 1/4-inch Shade Holder Attached			
045527	3633	Edison, 1/8-inch cap	100	35	.74
045528	3634	Edison, 3/8-inch cap	100	43	.80
045529	3635	Edison, pendent cap	100	35	.74
		EXTENSION EYELETS			
084278	....	3/4-inch extension eyelet	50	16	.12
084279	....	1 -inch extension eyelet	50	16	.12
084280	....	1 1/4-inch extension eyelet	50	17	.12
084281	....	1 1/2-inch extension eyelet	50	17	.12
084282	....	1 3/4-inch extension eyelet	50	18	.12
084283	....	2 -inch extension eyelet	50	19	.12

Standard length of chain on each socket, 8 inches.

WEBER UNIVERSAL SOCKETS



No. 1011

Trade No.	Mfrs. No.		Std. Pkg.	Wt. Lbs. per Std. Pkg.	Price Each	Code Word
063071	1010	Key, 1/8-inch cap	500	125	\$0.33	Aylji
063072	1011	Keyless, 1/8-inch cap	500	125	.30	Ayljo
063073	1012	Key, 1/4-inch cap	250	75	.39	Aylju
063074	1013	Keyless, 1/4-inch cap	250	75	.36	Aylki
063075	1014	Key, 3/8-inch cap	250	75	.39	Aylks
063076	1015	Keyless, 3/8-inch cap	250	75	.36	Aylku
063077	1016	Key, pendent cap	500	125	.33	Aylms
063078	1017	Keyless, pendent cap	500	125	.30	Aylna
063079	1018	Key, pendent cap, strain relief	500	125	.35	Aylne
063080	1019	Keyless, pendent cap, strain relief	500	125	.32	Aylno
063081	1020	Key, 3/8-inch cap, male thread	250	75	.39	Aylnu
063082	1021	Keyless, 3/8-inch cap, male thread	250	75	.36	Ayloc



No. 1018

WITH 2 1/4-INCH SHADE-HOLDERS ATTACHED

063083	1050	Key, 1/8-inch cap	500	150	.39	Ayldo
063084	1051	Keyless, 1/8-inch cap	500	150	.36	Aylog
063085	1052	Key, 1/4-inch cap	250	90	.45	Ayljo
063086	1053	Keyless, 1/4-inch cap	250	90	.42	Ayloo
063087	1054	Key, 3/8-inch cap	250	90	.45	Aylop
063088	1055	Keyless, 3/8-inch cap	250	90	.42	Aylpi
063089	1056	Key, pendent cap	500	150	.39	Aylra
063090	1057	Keyless, pendent cap	500	150	.36	Aylss
063091	1058	Key, pendent cap, strain relief	500	150	.41	Aylth
063092	1059	Keyless, pendent cap, strain relief	500	150	.38	Ayluf
063093	1060	Key, 3/8-inch cap, male thread	250	90	.45	Aylug
063094	1061	Keyless, 3/8-inch cap, male thread	250	90	.42	Aylul



No. 1050

WITH 3 1/4-INCH SHADE-HOLDERS ATTACHED

063095	1070	Key, 1/8-inch cap	100	45	.47	Aymat
063096	1071	Keyless, 1/8-inch cap	100	45	.44	Aymav
063097	1072	Key, 1/4-inch cap	100	45	.53	Aymax
063098	1073	Keyless, 1/4-inch cap	100	45	.50	Aymbo
063099	1074	Key, 3/8-inch cap	100	45	.53	Aymbu
063100	1075	Keyless, 3/8-inch cap	100	45	.50	Aymdu
063101	1076	Key, pendent cap	100	45	.47	Aymek
063102	1077	Keyless, pendent cap	100	45	.44	Aymep
063103	1078	Key, pendent cap, strain relief	100	45	.49	Aymev
063104	1079	Keyless, pendent cap, strain relief	100	45	.46	Aymey
063105	1080	Key, 3/8-inch cap, male thread	100	45	.53	Aymfa
063106	1081	Keyless, 3/8-inch cap, male thread	100	45	.50	Aymfe



No. 1250

WITH FORM O SHADE-HOLDERS ATTACHED

063107	1250	Key, 1/8-inch cap	500	225	.41	Aymge
063108	1251	Keyless, 1/8-inch cap	500	225	.38	Aymgo
063109	1252	Key, 1/4-inch cap	250	110	.47	Aymha
063110	1253	Keyless, 1/4-inch cap	250	110	.44	Aymi
063111	1254	Key, 3/8-inch cap	250	110	.47	Aymjd
063112	1255	Keyless, 3/8-inch cap	250	110	.44	Aymkb
063113	1256	Key, pendent cap	500	225	.41	Aymki
063114	1257	Keyless, pendent cap	500	225	.38	Aymko
063115	1258	Key, pendent cap, strain relief	500	225	.43	Aymks
063116	1259	Keyless, pendent cap, strain relief	500	225	.40	Aymle
063117	1260	Key, 3/8-inch cap, male thread	250	110	.47	Aymoa
063118	1261	Keyless, 3/8-inch cap, male thread	250	110	.44	Aymoc



No. 1270

WITH FORM H SHADE-HOLDERS ATTACHED

063119	1270	Key, 1/8-inch cap	500	240	.43	Aymod
063120	1271	Keyless, 1/8-inch cap	500	240	.40	Aymok
063121	1272	Key, 1/4-inch cap	250	120	.49	Aymom
063122	1273	Keyless, 1/4-inch cap	250	120	.46	Aymos
063123	1274	Key, 3/8-inch cap	250	120	.49	Aymow
063124	1275	Keyless, 3/8-inch cap	250	120	.46	Aympt
063125	1276	Key, pendent cap	500	240	.43	Aymru
063126	1277	Keyless, pendent cap	500	240	.40	Aymth
063127	1278	Key, pendent cap, strain relief	500	240	.45	Aymts
063128	1279	Keyless, pendent cap, strain relief	500	240	.42	Aymub
063129	1280	Key, 3/8-inch cap, male thread	250	120	.49	Aymuf
063130	1281	Keyless, 3/8-inch cap, male thread	250	120	.46	Aymuh

G-E SOCKETS

NATIONAL ELECTRICAL CODE STANDARD—250 VOLTS

STANDARD



Trade No.		Std. Pkg.	Price Each	Code Word
9386	Edison Key, 1/8-inch cap.....	500	\$0.33	Nkac
50760	Edison Key, 3/8-inch cap.....	250	.39	Nkaf
43389	Edison Key, male thread 3/8-inch cap..	250	.39	Nkal
9392	Edison Keyless, 1/8-inch cap.....	500	.30	Nkam
50768	Edison Keyless, 3/8-inch cap.....	250	.36	Nkar
43390	Edison Keyless, male thread, 3/8-inch cap 250		.36	Nkaw



With 2 1/4-inch Shade Holders Attached

27740	Edison Key, 1/8-inch cap.....	500	.39	Nkba
28719	Edison Key, 3/8-inch cap.....	250	.45	Nkbi
27741	Edison Keyless, 1/8-inch cap.....	500	.36	Nkbo
28720	Edison Keyless, 3/8-inch cap.....	250	.42	Nkdo



No. 9386

With 3/4-inch Shade Holders Attached

29400	Edison Key, 1/8-inch cap.....	100	.47	Nkfo
29401	Edison Key, 3/8-inch cap.....	100	.53	Nkeb
29402	Edison Keyless, 1/8-inch cap.....	100	.44	Nken
29403	Edison Keyless, 3/8-inch cap.....	100	.50	Nkes



No. 43389

With Removable Rings

50740	Edison Key, 1/8-inch cap.....	500	.35	Nkfu
50762	Edison Key, 3/8-inch cap.....	250	.41	Nkga
50741	Edison Keyless, 1/8-inch cap.....	500	.32	Nkib
50771	Edison Keyless, 3/8-inch cap.....	250	.38	Nkid

LOCKING SOCKETS

58951	Edison Key, 1/8-inch cap.....	100	.40	Nkil
62470	Edison Key, 3/8-inch cap.....	100	.46	Nkim
62472	Edison Key, male thread, 3/8-inch cap.	100	.46	Nkin
62474	Edison Key, pendant cap.....	100	.40	Nkip
58957	Edison Keyless, 1/8-inch cap.....	100	.37	Nkjo
62471	Edison Keyless, 3/8-inch cap.....	100	.43	Nkju
62473	Edison Keyless, male thread, 3/8-inch cap	100	.43	Nkka
62475	Edison Keyless, pendant cap.....	100	.37	Nkle



No. 58951

With 2 1/4-inch Shade Holders Attached

62476	Edison Key, 1/8-inch cap.....	100	.46	Nkma
62477	Edison Key, 3/8-inch cap.....	100	.52	Nkne
62480	Edison Key, pendant cap.....	100	.46	Nkog
62478	Edison Keyless, 1/8-inch cap.....	100	.43	Nkoj
62479	Edison Keyless, 3/8-inch cap.....	100	.49	Nkol
62481	Edison Keyless, pendant cap.....	100	.43	Nkos



No. 59155

With 3/4-inch Shade Holders Attached

62482	Edison Key, 1/8-inch cap.....	50	.54	Nkov
62483	Edison Key, 3/8-inch cap.....	50	.60	Nkpe
62486	Edison Key, pendant cap.....	50	.54	Nkpu
62484	Edison Keyless, 1/8-inch cap.....	50	.51	Nkro
62485	Edison Keyless, 3/8-inch cap.....	50	.57	Nksu
62487	Edison Keyless, pendant cap.....	50	.51	Nkte



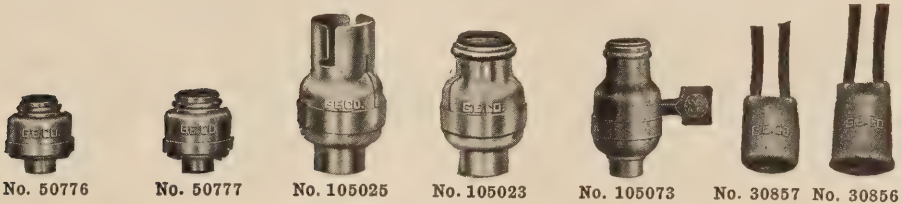
No. 58957

KEYS

Trade No.		Price Each	Code Word
59155	For locking device.....	\$0.02	Nkum

G-E SOCKETS AND RECEPTACLES

MINIATURE AND CANDELABRA



STANDARD SOCKETS

Trade No.	Mfrs. No.		Std. Pkg.	Price per 100
061374	50776	Candelabra, keyless.....	200	23.50
061375	50777	Miniature, keyless.....	200	23.25

Nos. 50776 and 50777 are made of brass, with porcelain parts, with threaded shell connections.

061376	105023	Candelabra, keyless	200	23.50
061377	105024	Miniature, keyless	200	23.25
061378	105025	Bayonet base, keyless	200	23.50
061379	105073	Candelabra, molded key.....	100	33.00
061380	105074	Candelabra, metal key.....	100	40.00

Nos. 105023, 105024, 105025, 105073 and 105074 have snap shell connections.

WEATHERPROOF SOCKETS

061381	30856	No. 9. Candelabra	200	13.50
061382	30857	No. 8. Miniature.....	200	12.00

Nos. 30856 and 30857 are pendant sockets, made of porcelain and furnished with 6 inches of cord.

RECEPTACLES FOR CANDLE FIXTURES

061383	9444	No. 1. Candelabra with male thread ...	200	12.00
061384	69444	No. 1. Candelabra with female thread..	200	12.00

Nos. 9444 and 69444 are made of porcelain, are especially designed for use on fixtures fitted with glass candles. The receptacles screw into a central supporting tube, and the candles, when in place, completely cover both supporting tube and receptacles. The screw at the lower end is supplied either male or female thread as desired.

ROUND BASE RECEPTACLES

061385	9446	No. 2. Candelabra	500	7.25
061386	107675	No. 2. Candelabra, approved type	200	9.00
061387	9445	No. 4. Miniature	500	6.50
061388	107676	No. 4. Miniature, approved type.....	200	7.50

Are made of porcelain.

OBLONG BASE RECEPTACLES

061389	50778	No. 6. Candelabra.....	200	10.00
061390	50790	No. 7. Candelabra.....	200	15.00

No. 50778 is a special receptacle for sign work, designed for strength and compactness and is very extensively used for sign work of all kinds. Made of porcelain.

No. 50790 is designed particularly for marine use. It is similar to No. 50778, but has a spring shell.

RECEPTACLES FOR METAL SIGNS

061391	60103	Candelabra	200	15.00
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DOUBLE POLE FUSED RECEPTACLES

061392	50779	No. 7. Candelabra.....	200	22.00
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No. 50779 is designed to meet requirements demanding the use of fuses in connection with receptacles. Made of porcelain, and has a removable cover, concealing both connections and fuses.

ADAPTERS

061393	35699	Adapter for candelabra base lamps to Edison base sockets.....	100	10.00
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No. 9444



No. 107675



No. 107676



No. 50778



No. 50790



No. 35699



No. 50779

HUBBELL CANDELABRA SOCKETS AND RECEPTACLES

CANDELABRA PULL SOCKETS



No. 5455



No. 5792

75 Watts, 125 Volts

Lock Shell Fastening

Trade No.	Mfrs. No.		Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
084309	5455	Edison Base	50	5	\$0.60
084310	5593	French Base	50	5	.60
084311	5792	Ediswan Base	50	5	.70

Quick Catch Fastening

084312	5742	Edison Base	50	5	.60
084313	5794	French Base	50	5	.60



No. 5742



No. 5793

Furnished with 3-inch chain; if longer chain is desired, add to list per foot, 10 cents.

CANDELABRA KEYLESS SOCKETS

75 Watts, 125 Volts

084314	5753	Edison Base	200	20	.21
084315	5793	Ediswan Base	50	5	.40



No. 5753



No. 5686

CANDELABRA RECEPTACLES FOR CANDLE FIXTURES

084316	5686	Male thread	200	20	.11
084317	5808	Female thread	200	20	.11

CANDELABRA EXTENSIONS

084318	5481	Extensions	50	1	.35
084319	5482	Collars	50	1	.05
084320	5483	Candles	50	2	.15

For extensions over 4 inches in length, add to list 10 cents per inch or fraction thereof.

Prices on candles longer than 4 inches quoted on application.

These attachments can be used only with Nos. 5455, 5593, 5742 and 5794 sockets.

The extensions are designed to take a 4-inch candle, and are sold complete with socket or separately, as listed.



No. 5481



No. 5482



No. 5483

G-E SOCKETS

NATIONAL ELECTRICAL CODE STANDARD



No. 29623



No. 66237



No. 50709



No. 50750



No. 9395



No. 100598

Trade No.	Mfrs. No.		Std. Pkg.	Price Each
061516	29623	Key, $\frac{1}{8}$ -inch cap.....	250	\$0.55
061517	29624	Key, $\frac{3}{8}$ -inch cap.....	100	.61
061518	66237	Keyless, $\frac{1}{8}$ -inch cap.....	250	.40
061519	50766	Keyless, $\frac{3}{8}$ -inch cap.....	100	.46

ELECTROLIER SOCKETS

THREE WAY SOCKETS

061520	50709	Key, $\frac{1}{8}$ -inch cap.....	50	.80
061521	50759	Key, $\frac{3}{8}$ -inch cap.....	25	.86

ACORN SOCKETS

061522	50750	Keyless, $\frac{1}{8}$ -inch cap.....	250	.38
061523	50770	Keyless, $\frac{3}{8}$ -inch cap.....	100	.44



No. 50702

PORCELAIN SOCKETS

061524	9395	Key, pendent cap.....	250	.30
061525	9393	Keyless, pendent cap.....	250	.25
061526	100596	Key, $\frac{1}{8}$ -inch brass cap.....	100	.35
061527	100597	Key, $\frac{3}{8}$ -inch brass cap.....	100	.35
061528	100598	Keyless, $\frac{1}{8}$ -inch brass cap.....	100	.30
061529	100599	Keyless, $\frac{3}{8}$ -inch brass cap.....	100	.30

The above porcelain sockets will take any weatherproof clamp shade holders.

500-VOLT KEYLESS SOCKETS

Shell and Cap—Threaded Connection

061530	50701	Aluminum shell, $\frac{1}{2}$ -inch cap.....	50	.70
061531	25709	Aluminum shell, $\frac{3}{8}$ -inch cap.....	50	.70
061532	50702	Brass shell, $\frac{1}{2}$ -inch cap.....	50	.70
061533	25710	Brass shell, $\frac{3}{8}$ -inch cap.....	50	.70



No. 59323

Shell and Cap—Bayonet Connection

061534	32440	Aluminum shell, $\frac{1}{2}$ -inch cap.....	50	.50
061535	32441	Aluminum shell, $\frac{3}{8}$ -inch cap.....	50	.50
061536	32442	Brass shell, $\frac{1}{2}$ -inch cap.....	50	.50
061537	32443	Brass shell, $\frac{3}{8}$ -inch cap.....	50	.50
061538	59323	Aluminum shell, $\frac{1}{8}$ -inch male thread cap.....	50	.50
061539	59324	Brass shell, $\frac{3}{8}$ -in. male thread cap	50	.50



No. 112139

LARGE BASE SOCKETS FOR 400 AND 500 WATT MAZDA LAMPS

Keyless Brass Shell

061540	112139	Without shade holder, $\frac{3}{8}$ -inch cap	50	1.00
061541	114876	With shade holder attached, $\frac{3}{8}$ -inch cap.....	50	1.30
061542	105058	Without shade holder, $\frac{1}{2}$ -inch cap	50	1.00
061543	105059	With shade holder attached, $\frac{1}{2}$ -inch cap.....	50	1.30

BRYANT AND PERKINS SOCKETS

NATIONAL CODE STANDARD



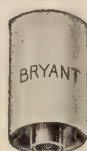
No. 7000



No. 7003



No. 66237



No. 4004



No. 46751



No. 4005

PERKINS ELECTROLIER SOCKETS

Trade No.	Mfrs. No.		Std. Pkg.	Wt. Lbs.	Price Each
065421	7000	Key, $\frac{1}{8}$ -inch cap.....	250	45	\$0.43
065422	7001	Keyless, $\frac{1}{8}$ -inch cap.....	500	40	.30
065423	7002	Key, $\frac{1}{8}$ -inch angle cap.....	100	..	.48
065424	7003	Keyless, $\frac{1}{8}$ -inch angle cap.....	100	..	.35
075693	7004	Key, $\frac{3}{8}$ -inch cap.....	250	..	.49
075694	7005	Key, $\frac{3}{8}$ -inch cap.....	250	..	.36

BRYANT ELECTROLIER SOCKETS

065425	66237	Keyless, $\frac{1}{8}$ -inch cap.....	250	45	.40
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SOCKETS FOR CANDLE FIXTURES

065426	4004	Keyless, $\frac{1}{8}$ -inch nipple.....	250	15	.30
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No. 50717

TWIN SOCKETS

065427	46750	Keyless, $\frac{1}{8}$ -inch cap.....	50	10	.65
065428	46751	Keyless, $\frac{3}{8}$ -inch cap.....	50	10	.70
065429	46752	Keyless, $\frac{3}{8}$ -inch male thread cap...	50	10	.70

TWIN PULL SOCKETS

065430	4005	Pull, $\frac{1}{8}$ -inch cap.....	50	..	1.00
065431	4006	Pull, $\frac{3}{8}$ -inch cap.....	50	..	1.06

This device operates as follows:

First pull connects socket No. 1.

Second pull connects both sockets.

Third pull disconnects socket No. 1 and connects socket No. 2.

Fourth pull disconnects both sockets.

This arrangement makes it most useful. It can be used as an electrolier socket by inserting lamps of different candle power, or a current tap permitting the control of the fan motor, heating device, or the like, without interfering with the use of the lamp.



No. 50783

WALL SOCKETS

065432	50717	Keyless.....	250	63	.25
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Holes for supporting screws are spaced $1\frac{3}{16}$ inches on centers.

065433	50783	Key, with double-pole fuse.....	250	150	.60
065434	50784	Keyless, with double-pole fuse.....	250	140	.55

Holes for supporting screws are spaced 2 inches on centers.

SOCKETS FOR EDISON LARGE BASE HIGH CANDLE POWER LAMPS

065435	4021	Keyless, $\frac{3}{8}$ -inch cap.....	50	..	1.00
065436	4022	Keyless, $\frac{1}{2}$ -inch cap.....	50	..	1.00

With $3\frac{1}{4}$ -inch Shape Holder Attached

076595	4027	Keyless, $\frac{3}{8}$ -inch cap.....	50	..	1.30
076596	4028	Keyless, $\frac{1}{2}$ -inch cap.....	50	..	1.30



No. 4021

G-E WALL SOCKETS

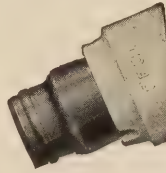
NATIONAL ELECTRICAL CODE STANDARD



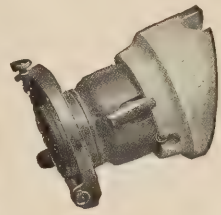
No. 9184



No. 49355



No. 50753



No. 28721



No. 60018



No. 60019



No. 60020



No. 88959

WALL SOCKETS

Trade No.	Mfrs. No.		Std. Pkg.	Price Each
061493	9184	Key, porcelain base	250	\$0.44
061494	9185	Keyless, porcelain base	250	.40
061495	50717	Keyless, closed base	250	.25
061496	49355	Keyless, slotted base	250	.25

With 2¼-inch Shade Holders Attached

061497	27742	Key	250	.50
061498	27743	Keyless	250	.46

With 3¼-inch Shade Holders Attached

061499	29404	Key	100	.58
061500	29405	Keyless	100	.54

ANGLE SOCKETS

061501	50753	Key	100	.55
061502	50755	Keyless	100	.50

With 2¼-inch Shade Holders Attached

061503	28721	Key	100	.61
061504	28722	Keyless	100	.56

With 3¼-inch Shade Holders Attached

061505	29406	Key	100	.69
061506	29407	Keyless	100	.64

CONCEALED BASE SOCKETS

061507	60018	Key	250	.44
061508	60019	Keyless	250	.40
061509	60020	Keyless, large base	100	.45
061510	88959	Key, large base, porc. flange	100	.49
061511	88960	Keyless, large base, porc. flange	100	.45

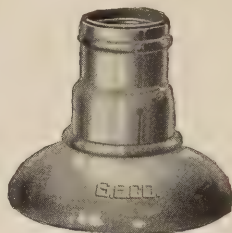
With 2¼-inch Shade Holders Attached

061512	65964	Key	250	.50
061513	65965	Keyless	250	.46

With 3¼-inch Shade Holders Attached

061514	65966	Keyless, large base,	100	.59
061515	105004	Keyless, large base, porc. flange	100	.59

G-E FLUTED-CATCH SOCKETS

With Standard
Wall BaseWith Angle
Wall BaseWith Small Covered
Wall BaseWith Large Covered
Wall BaseWith Insulated
Base

With One-Way Base



With Two-Way Base

Standard Wall Base

Trade No.	Mfrs. No.		Std. Pkg.	Price Each
071420	GE324	Key	250	\$0.44
071421	GE325	Keyless	250	.40
071422	GE326	Pull	100	.70

Angle Wall Base

071423	GE327	Key	100	.55
071424	GE328	Keyless	100	.50
071425	GE329	Pull	50	.70

Small Covered Wall Base

071426	GE330	Key	250	.44
071427	GE331	Keyless	250	.40
071428	GE332	Pull	100	.75

Large Covered Wall Base

071429	GE333	Key	100	.49
071430	GE334	Keyless	100	.45
071431	GE335	Pull	50	1.00

Insulated Base for Metal Ceilings

071432	GE336	Key	100	.49
071433	GE337	Keyless	100	.45
071434	GE338	Pull	50	1.00

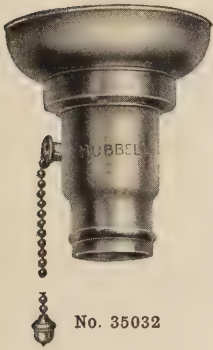
One-Way Base for National Metal Molding

071435	GE339	Key	250	.44
071436	GE340	Keyless	250	.40
071437	GE341	Pull	100	.70

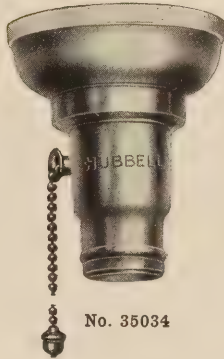
Two-Way Base for National Metal Molding

071438	GE342	Key	250	.44
071439	GE343	Keyless	250	.40
071440	GE344	Pull	100	.70

HUBBELL PULL SOCKETS



No. 35032



No. 35034



No. 3750



No. 3731



No. 35021



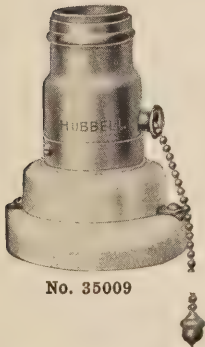
No. 35006



No. 35028



No. 3746



No. 35009



No. 3740

CEILING SOCKETS

Lock Shell Fastening

Trade No.	Mfrs. No.		Std. Pkg.	Wt. Lbs.	Price Each	Code Word
053618	35032	Solid base	50	28	\$1.00	Afgim
053619	35034	Insulated base	50	35	1.00	Afgko

SHALLOW CEILING SOCKETS

With Quick Catch Fastening

053620	3749	Metal base covered	50	35	1.00	Balji
053621	3750	Insulated metal base covered	50	60	1.00	Baljo

ANGLE SOCKETS

Lock Shell Fastening

053622	35021	Porcelain base	50	21	.70	Afgme
053623	3746	With Quick Catch Fastening Porcelain base	50	25	.70	Balju

WALL SOCKETS

With Quick Catch Fastening

053624	3731	Porcelain base	100	35	.70	Balki
053625	3734	Brass covered base	100	30	.75	Balks

Lock Shell Fastening

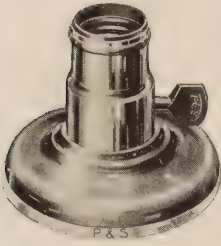
053626	35006	Porcelain base	100	30	.70	Afgnh
053627	35028	Porcelain base brass covered	100	36	.75	Afgni

ROSETTE SOCKETS

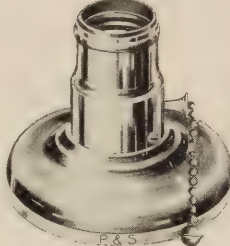
Lock Shell Fastening

053628	35009	Concealed	20	15	1.10	Afgnu
053629	35010	Cleat	20	15	1.10	Afgof
053630	35011	Square molding	20	15	1.10	Afgog
053631	35018	Combination	20	15	1.10	Afgok
053632	35031	3 wire molding	20	15	1.10	Afgon
With Quick Catch Fastening						
053633	3737	Concealed	20	15	1.10	Balku
053634	3740	Cleat	20	15	1.10	Balms
053635	3743	Molding	20	15	1.10	Balne

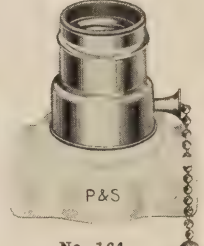
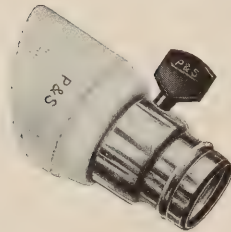
P. & S. PROTECTUS SHELL SOCKETS



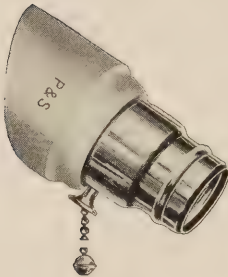
Nos. 7 and 92



Nos. 128 and 149

No. 126
One-Way BaseNo. 164
Two-Way Base

No. 61455



No. 99



No. 50717



No. 108

SOCKETS WITH LARGE WALL BASE

		For 3-inch Boxes		Std.	Wt., Lbs.	Price
Trade No.	Mfrs. No.			Pkg.	Std. Pkg.	Each
068210	7	Key $\frac{3}{4}$ inch long.....	100	100		\$0.49
068211	353	Key 1 inch long.....	100	100		.49
068212	*	Extra long key.....	100	...		.54
068213	358	Brass key.....	100	102		.56
068214	354	Extension key.....	100	102		.56
068215	1	Keyless.....	100	98		.45
068216	128	Pull-chain 18 inches long	50	60		1.00

Holes for supporting screws are spaced $2\frac{3}{4}$ inches on centers. Recess in base is $\frac{1}{4}$ inch deep and $2\frac{1}{8}$ inches wide.

For 4-inch Boxes

Trade No.	Mfrs. No.		Std.	Wt., Lbs.	Price
068217	42	Key $\frac{3}{4}$ inch long.....	100	152	.80
068218	355	Key 1 inch long.....	100	152	.80
068219	*	Extra long key.....	100	...	.85
068220	360	Brass key.....	100	154	.87
068221	356	Extension key.....	100	154	.87
068222	44	Keyless.....	100	150	.77
068223	149	Pull-chain 18 inches long	50	80	1.30

Holes for supporting screws are spaced $3\frac{1}{2}$ inches on centers. Recess in base is $\frac{1}{4}$ inch deep and $2\frac{3}{8}$ inches wide.

SOCKETS FOR NATIONAL METAL MOLDING

		With One-Way Base		Std.	Wt., Lbs.	Price
Trade No.	Mfrs. No.			Pkg.	Std. Pkg.	Each
068224	126	Key $\frac{3}{4}$ inch long.....	100	102		.44
068225	362	Key 1 inch long.....	100	102		.44
068226	*	Extra long key.....	100	...		.49
068227	366	Brass key.....	100	43		.51
068228	363	Extension key.....	100	43		.51
068229	125	Keyless.....	100	86		.40
068230	166	Pull-chain 8 inches long	100	43		.70

Holes for supporting screws are spaced $1\frac{7}{8}$ in. on centers.

		With Two-Way Base		Std.	Wt., Lbs.	Price
Trade No.	Mfrs. No.			Pkg.	Std. Pkg.	Each
068231	124	Key $\frac{3}{4}$ inch long.....	100	157		.44
068232	364	Key 1 inch long.....	100	157		.44
068233	*	Extra long key.....	100	...		.49
068234	368	Brass key.....	100	63		.51
068235	365	Extension key.....	100	63		.51
068236	123	Keyless.....	100	150		.40
068237	164	Pull-chain 8 inches long	100	63		.70

Holes for supporting screws are spaced $1\frac{3}{8}$ in. on centers.

SOCKETS WITH ANGLE WALL BASE

Trade No.	Mfrs. No.		Std.	Wt., Lbs.	Price
068238	61455	Key $\frac{3}{4}$ inch long.....	100	57	.55
068239	370	Key 1 inch long.....	100	57	.55
068240	*	Extra long key.....	100	...	.60
068241	61067	Brass key.....	100	58	.62
068242	371	Extension key.....	100	58	.62
068243	61456	Keyless.....	100	55	.50
068244	99	Pull-chain 8 inches long	50	35	.70

Holes for supporting screws are spaced $1\frac{5}{8}$ in. on centers.

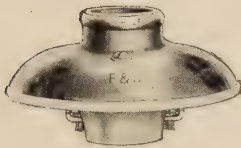
BAYONET SHELL WALL SOCKETS

Trade No.	Mfrs. No.		Std.	Wt., Lbs.	Price
068245	50717	Keyless with concealed base	250	60	.25
068246	108	Keyless with slotted base.	250	60	.25

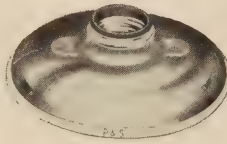
Holes for supporting screws are spaced $1\frac{1}{4}$ in. on centers.

*Extra long keys are made $1\frac{1}{4}$, $1\frac{1}{2}$, 2 and $2\frac{1}{2}$ inches long.

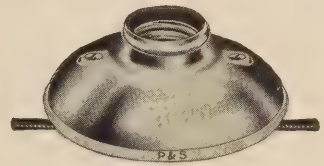
P. & S. CONDUIT BOX RECEPTACLES



No. 103704



No. 10



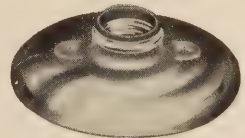
No. 85



No. 78



No. 283



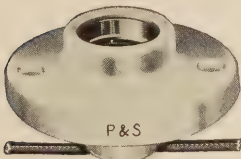
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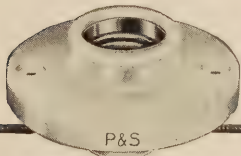
Nos. 62357 and 41



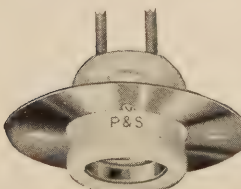
Nos. 111 and 110



Nos. 109 and 121



Nos. 40 and 122



No. 288

WITH PORCELAIN INSULATED SHELL

These receptacles only project from the wall or ceiling $1\frac{1}{8}$ inches. The porcelain which projects under the shell thoroughly insulates the shell of the receptacle from the box. They may be used on 3 and 4-inch round and octagon conduit boxes and will take Form H shade holders. The receptacle is connected up by inserting the screwdriver through the holes in the top of the receptacle. The binding screws are upset to prevent their being backed out too far and becoming lost.

Trade No.	Mfrs. No.	For Box Size, In.	Sup. Screws Centered, In.	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
068247	103704	3	$2\frac{3}{4}$	100	75	\$0.45
068248	10	3 and 4	$2\frac{3}{4}$ and $3\frac{1}{2}$	100	121	.60
068249	85	3	$2\frac{3}{4}$	100	112	.50
068250	78	3 and 4	$2\frac{3}{4}$ and $3\frac{1}{2}$	100	130	.65

Nos. 85 and 78 have 6 inches of No. 14 B. & S. stranded rubber covered wire.

WITH BASE COVERED BY SHELL

Trade No.	Mfrs. No.	For Box Size, In.	Sup. Screws Centered, In.	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
068251	283	3	$2\frac{3}{4}$	100	75	.45
068252	282	3 and 4	$2\frac{3}{4}$ and $3\frac{1}{2}$	100	121	.60
068253	62357	3	$2\frac{3}{4}$	250	190	.35
068254	111	4	$3\frac{1}{2}$	100	111	.45
068255	109	3	$2\frac{3}{4}$	100	85	.35
068256	121	4	$3\frac{1}{4}$	100	115	.50

Nos. 109 and 121 have 6 inches of No. 14 B. & S. stranded rubber covered wire.

With Shade Holder Ring

Trade No.	Mfrs. No.	For Box Size, In.	Sup. Screws Centered, In.	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
068257	41	3	$2\frac{3}{4}$	250	188	.40
068258	110	4	$3\frac{1}{2}$	100	111	.50
068259	40	3	$2\frac{3}{4}$	100	85	.40
068260	122	4	$3\frac{1}{4}$	100	115	.55

Nos. 40 and 122 have 6 inches of No. 14 B. & S. stranded rubber covered wire.

RECEPTACLE WITH COVER

To Fit Conduit Boxes

Each receptacle is fitted with 6 inches of No. 14 B. & S. stranded rubber covered wire. Receptacles with longer wires furnished on special order. Extra wire $1\frac{1}{2}$ cents net per foot each conductor.

The standard finish of covers is polished brass which will be supplied on all orders where no finish is specified. For all other finishes add the same advance as on brass sockets.

Trade No.	Mfrs. No.	Description	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
068261	288	Receptacle complete with 3-inch brass cover	100	....	\$0.45
068262	289	Receptacle complete with 4-inch brass cover	100	....	.51
068263	372	Receptacle without cover.	250	....	.22
068264	367	Brass cover only—3-inch.	100	....	.23
068265	369	Brass cover only—4-inch.	100	....	.29

The hole required for these receptacles is $1\frac{3}{4}$ inches in diameter. Holes for supporting screws are spaced $2\frac{3}{8}$ inches on centers.

P. & S. PORCELAIN SOCKETS



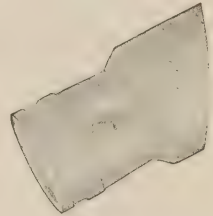
No. 61317



No. 61227



No. 100136



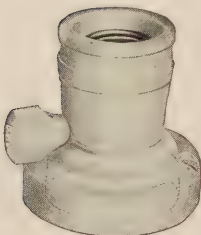
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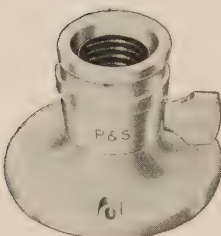
No. 61087



No. 61237



No. 62247



Nos. 46 and 82

WITH PENDENT CAP

Trade No.	Mfrs. No.		Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
042915	61317	Key.....	250	100	\$0.30
042916	60317	Keyless.....	250	82	.25

WITH 1/8-INCH CAP

042917	61227	Key.....	100	43	.35
042918	60227	Keyless.....	100	35	.30

Polished brass is standard finish. All other finishes take one-half the advance on standard brass shell sockets.

WITH 3/8-INCH CAP

042919	61327	Key.....	100	45	.35
042920	60327	Keyless.....	100	38	.30

Polished brass is standard finish. All other finishes take one-half the advance on standard brass shell sockets.

WITH BASE FOR WOOD MOLDING

042921	100136	Key.....	100	62	.40
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Holes for supporting screws spaced $1\frac{7}{16}$ inches on centers.

WITH ANGLE WALL BASE

042922	62371	Key.....	100	57	.41
042923	60371	Keyless.....	100	52	.36

Holes for supporting screws spaced 1 inch on centers.

WITH CLEAT WALL BASE

042924	61087	Key.....	100	48	.34
042925	61107	Keyless.....	100	40	.29

Holes for supporting screws spaced 1 inch on centers.

WITH CONCEALED WALL BASE, SMALL

042926	61237	Key.....	100	40	.34
042927	60237	Keyless.....	100	33	.29
042928	61250	Keyless, without shade holder ring..	250	95	.25

Holes for supporting screws spaced 1 inch on centers.

WITH CONCEALED WALL BASE, LARGE

042929	62247	Key.....	100	62	.34
042930	60247	Keyless.....	100	59	.29

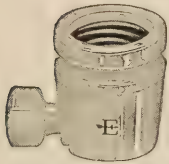
Holes for supporting screws spaced $2\frac{1}{4}$ inches on centers. Recess in base $\frac{1}{2}$ inch deep and 2 inches wide.

CONDUIT BOX RECEPTACLES

Trade No.	Mfrs. No.	For Box Size, In.		Sup. Screws Centered, In.	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
042931	46	3	Key	$2\frac{3}{4}$	100	81	\$0.45
068266	4	3	Keyless	$2\frac{3}{4}$	100	74	.40
042932	82	4	Key	$3\frac{1}{2}$	100	123	.50
042933	83	4	Keyless	$3\frac{1}{2}$	100	117	.45

Porcelain bodies both key and keyless are interchangeable with the caps and bases of all porcelain sockets and receptacles listed above.

ARROW E PORCELAIN SOCKETS



Key



Keyless



Pendent Cap



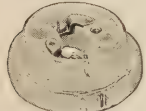
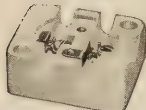
1/8-inch Cap



3/8-inch Cap



Cleat Wall Base

Concealed
Wall BaseMolding Wall
Base

No. 25706



No. 25707



No. 8125



No. 9366

PORCELAIN SOCKETS

With Pendent Cap

Trade No.	Mfrs. No.		Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
079831	9395	Key.....	250	110	\$0.30
079832	9393	Keyless	250	100	.25

With 1/8-inch Cap

079833	50799	Key.....	100	50	.35
079834	50896	Keyless	100	45	.30

With 3/8-inch Cap

079835	34947	Key.....	100	45	.35
079836	34948	Keyless	100	35	.30

With Cleat Wall Base

079837	4007	Key.....	100	100	.34
079838	4008	Keyless	100	90	.29

With Concealed Wall Base

079839	4009	Key.....	100	100	.34
079840	4010	Keyless	100	90	.29

With Molding Wall Base

079841	4011	Key.....	100	120	.34
079842	4012	Keyless	100	110	.29

Standard finish is polished brass. Brush brass finish at the same price. All other finishes take one-half the advance for same finish on brass shell sockets.

STREETHOOD SOCKETS

With Side Lugs

079843	25706		100	65	.27
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With Wire Leads

079844	25707		100	70	.44
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Back yoke made of malleable iron with 3/8-inch iron pipe thread.

Each socket is fitted with 6 inches of No. 14 B. & S. stranded rubber covered wire. Sockets with longer wires furnished on special order. Extra charge, 3 cents net per foot.

TEMPORARY DECORATIVE SOCKET

079845	8125		250	50	.24
--------	------	--	-----	----	-----

Socket for temporary lighting. The screws have sharp points which pierce the insulation of the wires and make contact. A straight run of wire with no inconveniences such as stripping or soldering.

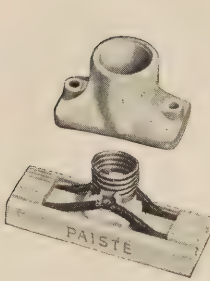
EDISON WEATHERPROOF SOCKETS

079846	9366		250	85	.20
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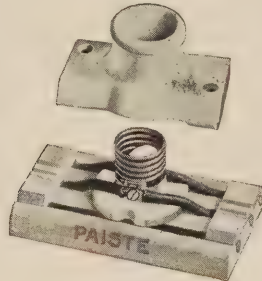
Equipped with 6 inches of stranded rubber covered wire. Longer wires furnished on special order. Extra charge, 3 cents net per foot.

PORCELAIN FIELDING RECEPTACLES

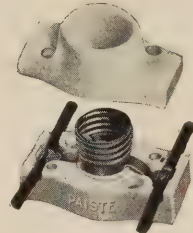
NATIONAL ELECTRICAL CODE STANDARD



No. 50724



No. 36519



No. 23210

FIELDING TYPE

For Two-Wire Molding

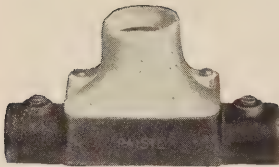
Standard two-wire Fielding Receptacles may be used on wooden molding or on Paiste Pipe Taplets, and present the same economical wiring features for either class of work.

When wired on molding the receptacles are placed on top of the molding which can be run continuously, and the receptacles set in at the time the wires are run; the capping is merely cut square to fit up to the square end of the receptacle cover.

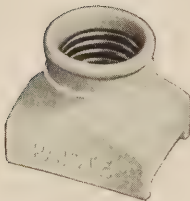
When used on pipe taplets, the receptacle sets on the two inwardly projecting lugs in the pipe taplet opening.

To connect them requires no cutting of the wires nor any soldering of taps to them, as these main wires are simply looped through the receptacle and skinned $\frac{1}{4}$ inch to slip under the set screws.

The two-wire styles are to be used on two-wire wooden molding or on all styles of $\frac{1}{2}$, $\frac{3}{4}$, and 1-inch Paiste Pipe Taplets.



No. 50224
Shown on Type C Pipe Taplet



No. 47568

Trade No.	Mfrs. No.		Std. Pkg.	Price Each
083863	50724	Edison, plain	250	\$0.25
083864	50726	Edison, for shade holders	250	.30

For Three-Wire Molding

083865	36519	Edison, for shade holders	250	.35
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For Cleat Wiring

083866	23210	Edison, plain	250	.25
083867	23209	Edison, for shade holders	250	.30

RUSSELL TYPE

For Two-Wire Molding

083868	47567	Edison, plain	250	.25
083869	47568	Edison, for shade holders	250	.30

These receptacles are smaller than the standard Fielding Receptacles. The cover piece is fastened to base by means of two holding screws found inside the screw-shell.

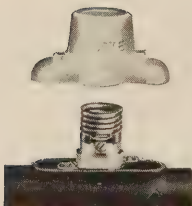
FIELDING TYPE

For Condulets

083870	46555	Edison, plain	250	.25
083871	47696	Edison, for shade holder	250	.30

This receptacle can be supplied to fit all styles of condulets for $\frac{1}{2}$ -inch iron pipe.

All illustrations on this page are three-eighths actual size, except No. 46555, which is one-fifth actual size.

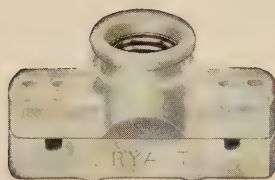


No. 46555
Attached to a Condulet

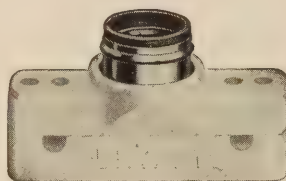
BRYANT PORCELAIN CLEAT RECEPTACLES

NATIONAL ELECTRICAL CODE STANDARD—250 Volts

EDISON BASE



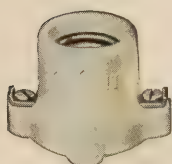
No. 58300



No. 58949



No. 59275



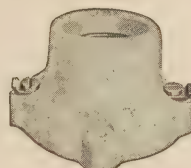
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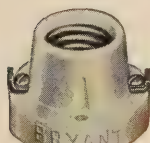
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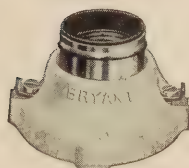
No. 25707



No. 9402



No. 28795



No. 9403



No. 9171



No. 9394



No. 9401

Trade No.	Mfrs. No.		Sup. Screws Cent. In.	Std. Pkg.	Price Each	Code Word.
043136	58301	Cleat.....	1 $\frac{1}{16}$	250	\$0.25	Ajara
043137	58300	For shade holders, similar to 58301.....	1 $\frac{1}{16}$	250	.30	Ajarf
043138	58949	Cleat.....	1 $\frac{1}{16}$	250	.35	Ajarg
043139	59275	Cleat, 1-inch separation....	2	500	.18	Ajaru
043140	50715	Pony cleat.....	1 $\frac{5}{16}$	500	.15	Ajash
043141	11221	Pony cleat, with phosphor-bronze flexible spring center contact.....	1 $\frac{5}{16}$	500	.20	Ajath
043142	25706	Street hood socket, with side lugs.....		100	.27	Ajats
043143	25707	Street hood socket, with wire leads.....		100	.44	Ajauc

Back yoke made of malleable iron, with $\frac{3}{8}$ -inch pipe thread.

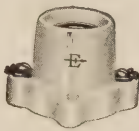
043144	9402	Cleat.....	2 $\frac{3}{8}$	500	.15	Ajaug
043145	4013	Cleat for shade holder....	2 $\frac{3}{8}$	250	.20	Ajaut
043146	9403	Cleat for shade holder....	2 $\frac{3}{8}$	250	.25	Ajauk
043147	28795	Cleat, with spring center contact.....	1 $\frac{7}{8}$	250	.15	Ajaum
043148	9171	Cleat.....		500	.10	Ajaur
043149	50757	Cleat, with copper fittings and screws.....		250	.20	Ajayg
043150	9394	Cleat, removable ring.....		250	.20	Ajayl
043151	9401	Fusible, slotted base, single pole, 125 volts.....	1 $\frac{3}{16}$	100	.40	Ajbac

All illustrations on this page are three-eighths actual size.

ARROW E PORCELAIN RECEPTACLES



No. 28795



No. 50715



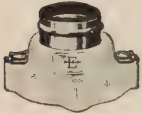
No. 9171



No. 59275



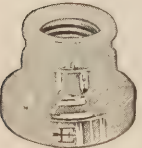
No. 9402



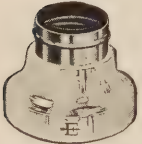
No. 9403



No. 4000



No. 4001



No. 4002



No. 59108



No. 8100



No. 8101

PORCELAIN RECEPTACLES

Trade No.	Mfrs. No.		Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
079847	28795	Cleat receptacle with spring center contact	250	90	\$0.15
Holes for supporting screws are spaced $1\frac{1}{8}$ inches on centers.					
079848	50715	Pony cleat receptacle.....	500	155	.15
079849	11221	Pony cleat receptacle with spring center contact.....	500	160	.20
Holes for supporting screws are spaced $1\frac{1}{16}$ inches on centers.					
079850	9171	Cleat receptacle.....	500	148	.10
079851	50757	Cleat receptacle with copper fittings and screws.....	250	80	.20
Supported by one screw in center.					
079852	59275	Cleat receptacle with wires raised 1 inch from surface.....	500	240	.18
Holes for supporting screws are spaced 2 inches on centers.					
079853	9402	Cleat receptacle	500	235	.15
Holes for supporting screws are spaced $2\frac{3}{8}$ inches on centers.					
079854	9403	Cleat receptacle for shade holder..	250	100	.25
Holes for supporting screws are spaced $2\frac{3}{8}$ inches on centers.					
079855	4000	Concealed receptacle	250	95	.25
Holes for supporting screws are spaced $1\frac{1}{8}$ inches on centers.					
079856	4001	Concealed receptacle for weather-proof shade holder.....	250	100	.30
Holes for supporting screws are spaced $1\frac{1}{8}$ inches on centers.					
079857	4002	Concealed receptacle for standard shade holder.....	250	85	.35
Holes for supporting screws are spaced $1\frac{1}{8}$ inches on centers.					

RECEPTACLES FOR CONDUIT BOXES AND METAL SIGNS

079858	59108	Sign receptacle with removable ring.....	250	83	.20
This receptacle is complete with rubber gasket and can be adjusted to any position.					
079859	8100	Sign receptacle with removable ring.....	250	83	.20
This receptacle is similar to No. 59108, only deeper. It is slotted in back so that the terminals may be sealed if desired. This receptacle takes an inch and a half hole.					
079860	8101	Receptacle for metal signs.....	250	80	.17
Holes for supporting screws are spaced $1\frac{1}{8}$ inches on centers.					
The nuts are sealed in wax and the receptacle is slotted at the back.					

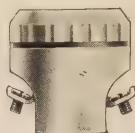
P. & S. SIGN AND CONDUIT BOX RECEPTACLES



No. 61877



No. 61988



No. 102703



No. 102704



No. 61577

FOR METAL SIGNS

Sign receptacles are regularly equipped with the metal parts made of brass, which will be furnished on all orders unless otherwise specified. Receptacles with terminals and contact shells made of copper can be furnished at an advance of \$5.00 per hundred added to the list.

With Porcelain Rings

Trade No.	Mfrs. No.	Diam., Inches Punch Required	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
054972	61877	1½	250	80	\$0.20
054973	878	3⁄8	250	20	.17
No. 878 has candelabra base.					
054974	61988	1½	250	82	.20
054975	102703	1½	250	90	.20
No. 102703 is connected up by inserting screwdriver in top of receptacle.					
054976	102704	1½	250	102	.25
No. 102704 has terminals enclosed by a porcelain button which screws on from back. Adapted to theatre border lights, clusters, etc., permitting shallow trough.					
054977	61577	1½	250	114	.28
054978	61578	1½	250	115	.36

No. 61577 is unglazed. No. 61578 is glazed all over.

Nos. 61577 and 61578 are fitted with 6 inches of No. 14 B. & S. stranded rubber covered wire. Longer wires will be furnished on special orders. Extra wire 1½ cents net per foot each conductor.

054979	Porcelain rings only, for above	250	50	.08
054980	86	1½	250	.20
054981	Metal rings, only	250	12	.08

The front of No. 86 receptacle is practically flush with the front of the sign. The ring being metal may be painted to match the sign. The metal ring is screwed in place by the use of a spanner wrench. Wrenches are furnished free to users of P. & S. Sign Receptacles.

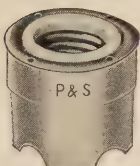
One-Piece Receptacles

Trade No.	Mfrs. No.	Diam., Inches Punch Required	Sup. Screws Centered, In.	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
054982	61977	1 $\frac{3}{8}$	1 $\frac{1}{8}$	250	56	\$0.17
054983	477	$\frac{41}{32}$	1 $\frac{3}{8}$	250	15	.12
054984	677	$\frac{25}{32}$	1 $\frac{3}{8}$	250	15	.16
No. 477 has miniature base. No. 677 has candelabra base.						
054985	61777	1 $\frac{3}{8}$	1 $\frac{1}{8}$	250	69	.17
054986	779	$\frac{41}{32}$	1 $\frac{3}{8}$	250	16	.12
054987	778	$\frac{25}{32}$	1 $\frac{3}{8}$	250	20	.16
No. 779 has miniature base. No. 778 has candelabra base.						
054988	54	1 $\frac{3}{8}$	1 $\frac{1}{8}$	250	73	.17

FOR WOOD SIGNS

054989	61072	1½	1¾	250	130	.14
054990	61973	1½	1⅞	100	45	.25
No. 61072 has 1-inch skirt. No. 61973 has 1¼-inch skirt.						
054991	61972	1½	1¾	100	38	.25
054992	61974	1½	1⅞	100	52	.32

No. 61972 has 1-inch skirt. No. 61974 has 1¼-inch skirt. These receptacles are fitted with 6 inches of No. 14 B. & S. stranded rubber covered wire. Longer wires will be furnished on special orders. Extra wire 1½ cents net per foot each conductor.



No. 86



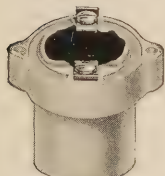
No. 61977



No. 61777



No. 54



No. 61072



No. 61974

BRYANT RECEPTACLES

NATIONAL CODE STANDARD



No. 4000



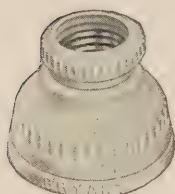
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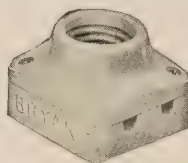
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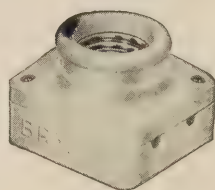
No. 50744



No. 9447



No. 42453



No. 58302

CONCEALED RECEPTACLES



No. 58950

Trade No.	Mfrs. No.		Std. Pkg.	Pkg. Weight Lbs.	Price Each
065437	4000	Edison concealed....	250	95	\$0.25
		For Weatherproof Shade Holder			
065438	4001	Edison concealed....	250	100	.30
		With Brass Ring for Standard Shade Holder			
065439	4002	Edison concealed....	250	85	.35
		With Removable Ring			
065440	50744	Edison concealed....	100	45	.30
		With Removable Ring and Double-Pole Fuse			
065441	9447	Edison concealed....	100	60	.45

MOLDING RECEPTACLES

065442	42453	Edison molding.....	250	130	.25
		For Weatherproof Shade Holder			
065443	58302	Edison molding.....	250	127	.30
		With Brass Ring for Standard Shade Holder			
065444	58950	Edison molding.....	250	123	.35

CONDUIT BOX ADAPTERS

For Attaching Large Base Wall Sockets

065445	374	For 3 1/4-inch box....	100	12	.18
065446	377	For 4-inch box.....	100	22	.23

For Attaching Receptacle No. 59107

065447	364	For 3 1/4-inch box....	100	12	.18
065448	365	For 4-inch box.....	100	22	.23

For Attaching Receptacles Nos. 4003 and 59108

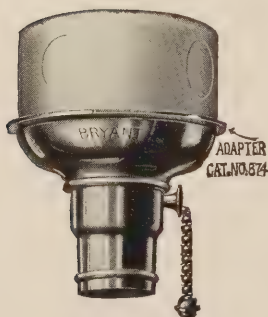
065449	382	For 3 1/4-inch box	100	12	.18
065450	383	For 4-inch box	100	22	.23

For Attaching Receptacle No. 4014

089728	409	For 3 1/4-inch box	100	..	.18
089729	410	For 4-inch box	100	..	.23

3 1/4-inch round boxes are Bossert No. 17 A, Krantz H, pipe ends Nos. 1203 and 1204, Pratt E A and F A, Sprague No. 6250, T. & B. No. 7, Union No. 106 and unilets 1/2 and 3/4-inch.

4-inch round boxes are Bossert No. 8, Harvard Nos. 8 N and 8 H, Pratt C A, D A, and G A, T. & B. No. 9 and Union Nos. 103, 104, and 105.



No. 374



No. 382

G-E WEATHERPROOF SOCKETS

NATIONAL ELECTRICAL CODE STANDARD



No. 9366



No. 37695



No. 110601



No. 110600



No. 60666



No. 43310



No. 43311



No. 43313



No. 50997



No. 22754



No. 9448

Trade No.	Mfrs. No.
061446	9366
061447	37695
061448	110601
061449	110601
061450	110600
054464	44301

PORCELAIN

	Std. Pkg.	Price Each
Pendent	250	\$0.20
For decorative wiring	250	.25
With suspension hook	250	.30
Hook only for No. 110601	250	.05
No. 40449 with suspension hook ..	250	.30
Hook only for No. 110600	250	.05

COMPOSITION

Pendent	250	.24
Spring center contact	250	.65

HARD RUBBER

.....	250	1.00
Spring center contact	250	1.05

MOULDED MICA

For Shade Holders

Pendent	250	.22
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Wires Inside of Pipe

$\frac{1}{8}$ -inch cap	100	.60
$\frac{3}{8}$ -inch cap	100	.60

Wires Outside of Pipe

$\frac{1}{8}$ -inch cap	100	.60
$\frac{3}{8}$ -inch cap	100	.60

PORCELAIN

Pendent	250	.50
With D. G. petticoat	200	.35

With Bracket Caps

$\frac{1}{8}$ -inch cap	100	.60
$\frac{3}{8}$ -inch cap	100	.60
$\frac{1}{8}$ -inch cap, with D. G. petticoat ..	100	.60
$\frac{3}{8}$ -inch cap, with D. G. petticoat ..	100	.60

LARGE BASE PORCELAIN SOCKETS

For 400 and 500 Watt Mazda Lamps

061466	105068	Keyless, $\frac{3}{8}$ -inch cap	50	1.00
061467	105069	Keyless, $\frac{1}{2}$ -inch cap	50	1.00



No. 22755

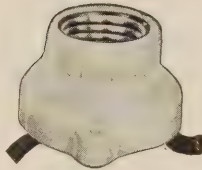


No. 105068

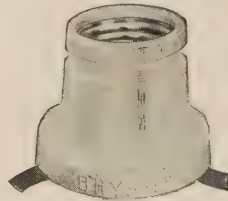
BRYANT RECEPTACLES AND LAMP HANGERS

NATIONAL CODE STANDARD
EDISON BASE

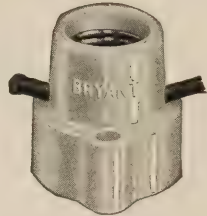
No. 9514



No. 9411



No. 9408



No. 44912

PORCELAIN RECEPTACLES



No. 9407

Trade No.	Mfrs. No.		Std. Pkg.	Wt., Lbs.	Price Each
043214	9514	Flush	250	100	\$0.30
075696	4033	Flush, one-piece	250	...	.20

Holes for supporting screws are spaced $1\frac{7}{8}$ in. on centers.

WEATHERPROOF RECEPTACLES

With Bottom Wires

043215	9411	Pony weatherproof receptacles	100	60	.35
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Holes for supporting screws are spaced $2\frac{1}{2}$ in. on centers.

043216	9408	Weatherproof receptacles..	100	70	.40
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Holes for supporting screws are spaced $2\frac{7}{32}$ in. on centers.

With Side Wires

043217	44912	Pony weatherproof receptacles	100	55	.35
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Holes for supporting screws are spaced $1\frac{3}{8}$ in. on centers.

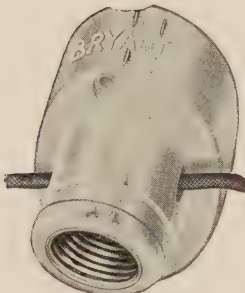
043218	9407	Weatherproof receptacles..	100	75	.40
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Holes for supporting screws are spaced $2\frac{3}{16}$ in. on centers.

043219	30000	Angle weatherproof receptacles	100	85	.45
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Holes for supporting screws are spaced $2\frac{9}{16}$ in. on centers.

Each receptacle fitted with 8 inches No. 14 B. & S. stranded, rubber-covered wire. Receptacles with longer wires furnished on special order.



No. 30000



No. 3226

ARC LAMP HANGERS

For Multiple Lamps

043226	3221	Plain hanger board.....	10	45	1.00
043227	3226	Hanger board, with connections for plug fuses..	10	45	1.25
043228	3269	Hanger board, with 10-ampere double-pole pull switch and connections for plug fuses.....	10	50	2.50

For Series Lamps

043229	3221	A plain hanger board	10	45	1.00
043230	3222	Hanger board, with switch.	5	50	2.80

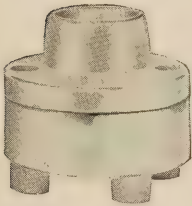
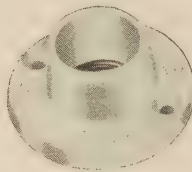
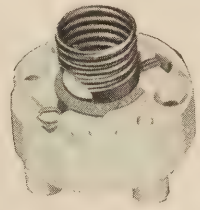
All illustrations are three-eighths actual size, except hanger boards which are one-sixth actual size.



No. 3269

"NEWCODE" RECEPTACLES AND SOCKETS

NATIONAL CODE STANDARD

**No. 1000 Complete****No. 1000 Cap****No. 1000 Base****"NEWCODE" RECEPTACLES, No. 1000**

Without Shade Holder Groove

Trade No.	Mfrs. No.	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
057994	1000	250	214	\$0.28

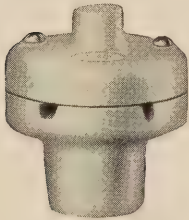
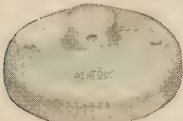
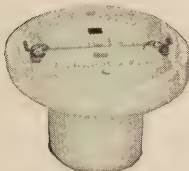
To Take Shade Holder

057995	1005	250	216	.33
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No. 1000 receptacle was designed to take the place of the old No. 9171 receptacle for decorative work and amusement park work.

Screw shell has outward turned lower flanges, giving the maximum distance between metal parts of opposite polarity. Four large drainage channels let out, almost instantly, any water which may accumulate from a storm. The receptacles have no exposed contacts and require no soldering or taping of wires. These receptacles can be installed much more rapidly than other makes and are being used universally in amusement resorts.

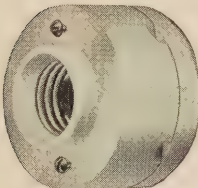
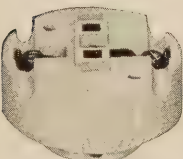
The receptacles have a center contact made of phosphor-bronze in spring form, which puts a slight pressure on the lamp thread, preventing the lamp from jarring loose after it has once been screwed into position.

**No. 1010 Complete****No. 1010 Cap****No. 1010 Base****"NEWCODE" FESTOON SOCKETS, No. 1010**

Trade No.	Mfrs. No.	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
057996	1010	200	200	\$0.35

No. 1010 festoon receptacles require no soldering or taping and there are no exposed contacts. The circuit wires run directly through the sockets, as shown in the illustrations, and only require skinning of insulation where wires pass under screws.

The cap of socket is provided with a knob having a lateral hole through which a small steel guy wire may be passed. This takes all strain from connections and circuit wires, and what is also important for decorative festoon work, brings all sockets in line.

**No. 1020 Complete****No. 1020 Cap****No. 1020 Base****"NEWCODE" FLUSH-SETTING RECEPTACLES, No. 1020**

057997	1020	250	205	\$0.32
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No. 1020 flush-setting receptacle is made for use on sheet metal cornices, border strips, metal ceilings, signs, etc.

Diameter of hole to drill in metal to pass neck of No. 1020, $1\frac{9}{16}$ inches. Thickness of receptacle to top of neck, 2 inches. Thickness of receptacle to surface of metal, $1\frac{1}{2}$ inches. Space between wires, $1\frac{1}{8}$ inches. Distance between centers of fastening screw, $1\frac{1}{8}$ inches. Outside diameter porcelain (greatest width), $2\frac{5}{8}$ inches.

P. & S. READY WIRED DECORATIVE SOCKETS



These ready wired decorative sockets are made with sockets made of porcelain (as listed below), and with sockets made of mica compound (as listed on following page). The method of construction is identical in both cases, the only difference being that in one the sockets are of porcelain and in the other they are of mica compound. National Code rubber covered stranded wire is used.

Every connection between the socket and the wires is soldered. All spaces around the connections and in the cap are filled with a sealing compound making them absolutely weather-proof.

P. & S. Ready Wired Sockets can be furnished spaced any distance apart. The list prices, give the information up to 30-inch centers, but greater distances can be supplied to order.

The suspension cleats, No. 430 and No. 291, illustrated at the bottom of the following page, are manufactured in order that a ready and economical means may be provided whereby the weight of the streamers may be taken off of the copper current-carrying wires.

Ordinarily these sockets are put up in streamers of about 500 feet, but we can furnish them in any length desired up to 1000 feet. If you want several streamers put up in irregular and additional lengths of wire at the end of each streamer, they can be furnished in that manner.

We ship these packed in barrels, but if specified they can be shipped packed on reels, for which there will be a slight extra charge to cover the cost of the reel.

PORCELAIN SOCKETS

Wired with No. 14 N. C. Wire					Wired with No. 12 N. C. Wire				
Trade No.	Mfrs. No.	Sockets Centered Inches	Std. Pkg.	Price per 100	Trade No.	Mfrs. No.	Sockets Centered Inches	Std. Pkg.	Price per 100
080879	61420	4	250	\$26.00	080906	66106	4	250	\$28.60
080880	61421	5	250	26.75	080907	66107	5	250	29.45
080881	61422	6	250	27.50	080908	66108	6	250	30.50
080882	61423	7	250	28.25	080909	66109	7	250	31.10
080883	61424	8	250	29.00	080910	66110	8	250	31.50
080884	61425	9	250	29.75	080911	66111	9	250	32.75
080885	61426	10	250	30.50	080912	66112	10	250	33.55
080886	66086	11	250	31.25	080913	66113	11	250	34.40
080887	66087	12	250	32.00	080914	66114	12	250	35.20
080888	66088	13	250	32.75	080915	66115	13	250	36.10
080889	66089	14	250	33.50	080916	66116	14	250	36.85
080890	66090	15	250	34.25	080917	66117	15	250	37.70
080891	66091	16	250	35.00	080918	66118	16	250	38.50
080892	66092	17	250	35.75	080919	66120	17	250	39.35
080893	66093	18	250	36.50	080920	66122	18	250	40.15
080894	66094	19	250	37.25	080921	66124	19	250	41.00
080895	66095	20	250	38.00	080922	66126	20	250	41.80
080896	66096	21	250	38.75	080923	66128	21	250	42.65
080897	66097	22	250	39.50	080924	66130	22	250	43.45
080898	66098	23	250	40.25	080925	66132	23	250	44.30
080899	66099	24	250	41.00	080926	66134	24	250	45.10
080900	66100	25	250	41.75	080927	66136	25	250	46.00
080901	66101	26	250	42.50	080928	66138	26	250	46.75
080902	66102	27	250	43.25	080929	66140	27	250	47.60
080903	66103	28	250	44.00	080930	66142	28	250	48.40
080904	66104	29	250	44.75	080931	66144	29	250	49.25
080905	66105	30	250	45.50	080932	66146	30	250	50.10

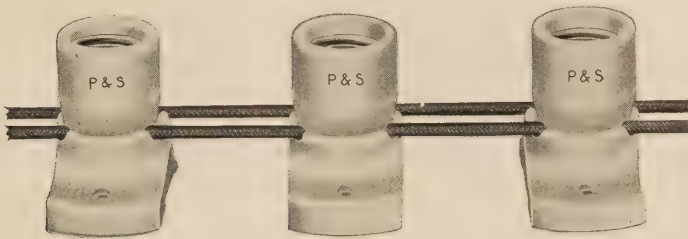
Extra wire on the ends of streamers will be charged at 1½ cents net per foot each conductor for No. 14, and 2 cents net per foot each conductor for No. 12.

The list price for receptacles spaced more than 30 inches apart can be determined by adding 75 cents per inch to the 30-inch list on No. 14 wire and 85 cents per inch to the 30-inch list on No. 12 wire.

Trade No.	Mfrs. No.	Std. Pkg.	Price Each
080933	284	250	\$20.00

Socket—not wired.....

P. & S. READY WIRED DECORATIVE RECEPTACLES



No. 63

These ready wired receptacles are made with porcelain receptacles only. The wire used is National Code rubber covered stranded.

Every connection between the receptacle and the wire is soldered. All of the spaces around the connections and terminals are then filled with a compound, making the receptacle absolutely waterproof. The list gives the prices up to 30-inch centers, but greater distances can be supplied to order.

Ordinarily these receptacles are put up in strands of about 300 to 500-foot lengths, but if streamers of greater lengths are wanted they can be supplied. If streamers of irregular lengths are wanted with special lengths of wire at the end of each streamer, they can be supplied in that manner. The distance between the supporting screws is $2\frac{1}{2}$ inches on centers.

Wired with No. 14 N. C. Wire

Trade No.	Mfrs. No.	Receptacles Centered Inches	Std. Pkg.	Price per 100
081001	63	4	250	\$34.50
081002	64	5	250	35.25
081003	65	6	250	36.00
081004	332	7	250	36.75
081005	292	8	250	37.50
081006	293	9	250	38.25
081007	294	10	250	39.00
081008	295	11	250	39.75
081009	403	12	250	40.50
081010	137	13	250	41.25
081011	143	14	250	42.00
081012	150	15	250	42.75
081013	158	16	250	43.50
081014	163	17	250	44.25
081015	167	18	250	45.00
081016	168	19	250	45.75
081017	169	20	250	46.50
081018	171	21	250	47.25
081019	172	22	250	48.00
081020	173	23	250	48.75
081021	174	24	250	49.50
081022	175	25	250	50.25
081023	179	26	250	51.00
081024	180	27	250	51.75
081025	182	28	250	52.50
081026	183	29	250	53.25
081027	184	30	250	54.00

Wired with No. 12 N. C. Wire

Trade No.	Mfrs. No.	Receptacles Centered Inches	Std. Pkg.	Price per 100
081028	185	4	250	\$37.10
081029	186	5	250	37.95
081030	187	6	250	39.00
081031	188	7	250	39.60
081032	189	8	250	40.00
081033	190	9	250	41.25
081034	191	10	250	42.05
081035	192	11	250	42.90
081036	193	12	250	43.70
081037	194	13	250	44.60
081038	195	14	250	45.35
081039	196	15	250	46.20
081040	197	16	250	47.00
081041	296	17	250	47.85
081042	297	18	250	48.65
081043	205	19	250	49.50
081044	206	20	250	50.30
081045	207	21	250	51.15
081046	208	22	250	51.95
081047	209	23	250	52.80
081048	210	24	250	53.60
081049	212	25	250	54.50
081050	213	26	250	55.25
081051	214	27	250	56.10
081052	215	28	250	56.90
081053	218	29	250	57.75
081054	219	30	250	58.60

Extra wire on the ends of streamers will be charged at $1\frac{1}{2}$ cents net per foot each conductor for No. 14, and 2 cents net per foot each conductor for No. 12.

The list price for receptacles spaced more than 30 inches apart can be determined by adding 75 cents per inch to the 30-inch list on No. 14 wire and 85 cents per inch to the 30-inch list on No. 12 wire.

Trade No.	Mfrs. No.	Std. Pkg.	Price per 100
081055	287	250	\$29.50

Receptacle—not wired.....

FEDERAL CLAMP SOCKETS AND RECEPTACLES



No. 303



No. 302



No. 314



Nos. A1-A6

OUTLET BOX RECEPTACLES



No. B1

Trade No.	Mfrs. No.	Leads	Std. Pkg.	Price Each	Code Word
023107	304	Edison socket	... 250	\$0.25	Qbyv
023108	3034	Edison weatherproof socket	4 250	.27	Qbys
023109	3024	Edison weatherproof socket	4 250	.27	Qcam

No. 304 is same as Nos. 303 and 3034, but with screw contacts instead of leads.

No. 3034 attaches to cover by ring on the back, while No. 3024 attaches by ring on front of socket.

WEATHERPROOF SOCKETS

023110	302	Edison socket	9 250	.30	Qcab
023111	303	Edison socket	9 250	.30	Qbyr

ADAPTERS

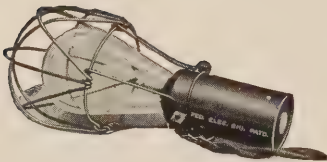
023112	314	Edison to candelabra base	.. 250	.14	Qeat
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PORCELAIN CLAMP BUSHINGS

Trade No.	Mfrs. No.	Inside Diam. In.	Outside Diam. In.	Std. Pkg.	Price Each.	Code Word
023113	A1	$\frac{9}{32}$	$\frac{11}{16}$	250	\$0.04 $\frac{1}{2}$	Qcbe
023114	A1 $\frac{1}{2}$	$\frac{9}{32}$	$\frac{13}{16}$	250	.05	Qcbo
023115	A2	$\frac{13}{32}$	$\frac{13}{16}$	250	.05	Qceda
023116	A3	$\frac{13}{32}$	1	250	.06	Qcede
023117	A4	$\frac{3}{4}$	1 $\frac{1}{16}$	250	.07 $\frac{1}{2}$	Qceq
023118	A5	1 $\frac{1}{8}$	1 $\frac{13}{16}$	250	.09	Qcep
023155	A6	1 $\frac{5}{8}$	2 $\frac{11}{16}$	250	.16	Qeig
023156	B1	$\frac{9}{32}$	$\frac{11}{16}$	250	.07	Qeik
023157	F1	$\frac{9}{32}$	$\frac{11}{16}$	250	.11 $\frac{1}{2}$	Qejo

No. B1 is 1 $\frac{1}{4}$ inches long. No. F1 is 3 inches long.

FEDERAL MAGNETIC SOCKETS



No. 800. Magnetic Socket with 16 C. P. Lamp and Wire Guard

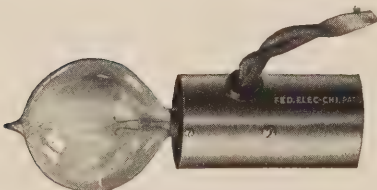
Trade No.	Mfrs. No.	Price Each	Code Word
050430	800	110 volt type, for use with standard base lamp. Complete with 6 feet of cord and attachment plug	\$3.15 Bcsug
050431	802	40 volt type, for candelabra base lamp. Complete with 6 feet of cord and clips for attaching to battery.....	3.15 Bcsuv
050432	803	6 volt type, for candelabra base lamp. Complete with 6 feet of cord and clips for attaching to battery.....	3.15 Bcsva

WIRE LAMP GUARDS

050433	...	For either type of socket	.50 Bcsve
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In ordering give Trade No. of socket on which guard is to be used.

The sockets are furnished wound for use on 110 volt circuits with standard base lamps, and for use on 40 volt circuits with candelabra base lamps, and on 6 volt circuits with candelabra base lamps.



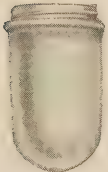
No. 802. Automobile Exploring Lamp

WATIGHT RECEPTACLES AND GLOBES

NATIONAL CODE STANDARD



The Watight Combined Waterproof Receptacle and Globe is exactly what its name implies, being a receptacle to take a 16 c. p. or a 32 c. p. lamp with Edison Base. To this receptacle a water and moisture-proof globe is fitted, making a combination receptacle and globe which is waterproof and made entirely of non-absorbing and non-corrosive material, making it impervious to climatic changes.



The porcelain used in the construction of the cap, or receptacle part, is highly glazed, non-absorbent, and very strong. The clear globe is made of the best flint glass and consequently strong. It is threaded to screw to the porcelain cap, which is also threaded, and a rubber gasket between the two makes it water-tight.

The conducting wires enter at the top of the receptacle and are made of No. 14 B. & S. rubber covered wire. The top is filled with a composition that will not soften in heat, nor crack, nor absorb moisture. The braid on the rubber-covered wire is carried just beneath the surface of the cap and then discontinued, consequently the braid does not carry moisture to the interior of the receptacle. The diameter of the opening in the globe is 3 inches and the globe is 6½ inches long.

The Watight Combined Waterproof Receptacle and Globe is made in three styles. Style A is receptacle complete with two conducting wires 8 inches long. Style B is a Style A receptacle with same length conducting wires but with an iron pipe connection fitted with a cap or receptacle and tapped with ½-inch iron pipe. Style C is also a Style A receptacle with the same length of conducting wires, and to the cap is fitted an iron flange for securing direct to the wall or ceiling. The flange is secured to the cap by means of set screws.



TYPE A

This is the pendent type and hangs suspended by its conducting wires. Unless otherwise specified, 8-inch wires are furnished.

Trade No.	Mfrs. No.		Price per Dozen
073186	6504	Edison Base, 8-inch wires.....	\$15.00

Type B

TYPE B

This is the bracket type. Cover is threaded to screw on regular ½-inch iron conduit pipe. Unless otherwise specified, 8-inch wires are furnished.

073187	7173	Edison Base, 8-inch wires.....	18.00
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Type C

TYPE C

This is the flange type. Cover is flanged and can be screwed to wall, ceiling or other support. Unless otherwise specified, 8-inch wires are furnished.

073188	7175	Edison Base, 8-inch wires.....	18.00
Extra length of wire on all the above receptacles.....per foot			.05

WATIGHT WIRE GUARDS

These guards fit tightly over globe and are secured at top.

073189	11604	Guards.....	4.00
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PARTS

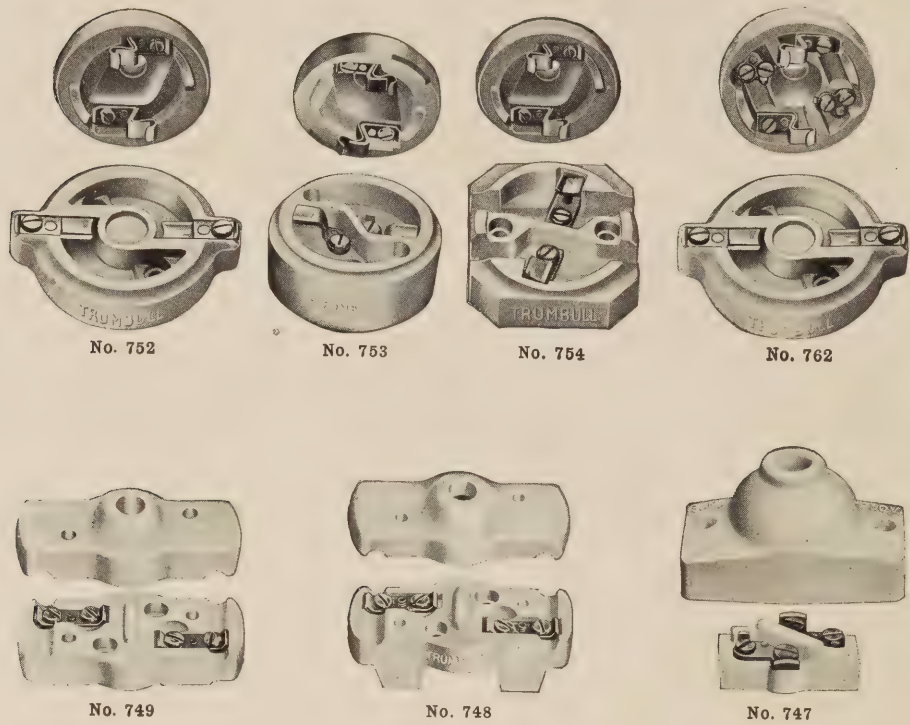
073190	15162	Clear globes	3.00
073191	15163	Blue globes	6.00
073192	15164	Green globes.....	6.00
073193	15165	Ruby globes	9.00
073194	15166	Type B couplings	4.00
073195	15168	Type C flanges.....	4.00
073196	15169	Rubber gaskets.....	.20



Wire Guard

The colored globes are genuine colored glass.

TRUMBULL ROSETTES



TWO-PIECE ROSETTES

Fuseless—250 Volts			Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
Trade No.	Mfrs. No.				
067357	752	Cleat	250	120	\$0.15
067358	753	Concealed	250	130	.15
067359	754	Molding	250	136	.15
Fusible—125 Volts			Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
Trade No.	Mfrs. No.				
067360	762	Cleat	250	120	.18
067361	763	Concealed	250	130	.18
067362	764	Molding	250	136	.18

WIRE CLEAT ROSETTES

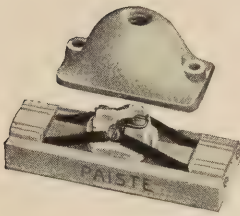
Fuseless			Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
Trade No.	Mfrs. No.				
086709	749	1/2-inch base	250	...	.13 1/2
086710	748	1-inch base	250	...	.15

SURFACE MOLDING ROSETTES

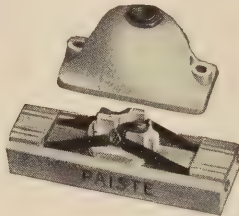
Fuseless			Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
Trade No.	Mfrs. No.				
086711	747		250	...	.12

FIELDING ROSETTES

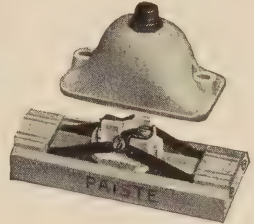
Fielding Rosettes Shown on 2-Wire Wood Molding



No. 435

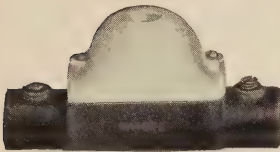


No. 436

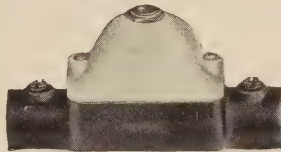


No. 439

Fielding Rosettes Shown on Type C Pipe Taplets



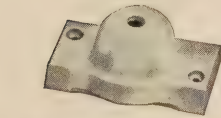
No. 435



No. 436



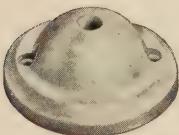
No. 439



No. 437



No. 433



No. 441



FOR 2-WIRE WOOD MOLDING

Trade No.	Mfrs. No.		Std. Pkg. Wgt.	Pkg. Each	Price Each	Code Word
06671	435	Plain cap	250	81	\$0.20	Ajruh
06672	436	With $\frac{1}{8}$ -inch bracket cap, female thread	100	58	.30	Ajrur
06673	439	With $\frac{1}{8}$ -inch bracket cap, male thread	100	59	.30	Ajrur

FOR 3-WIRE WOOD MOLDING

06674	437	Plain cap	250	140	.25	Ajrvi
06675	438*	With $\frac{1}{8}$ -inch bracket cap, female thread	100	79	.35	Ajrwo

These 2-wire styles are to be used on 2-wire wooden molding or on all styles of $\frac{1}{2}$ -inch, $\frac{3}{4}$ -inch and 1-inch Paiste pipe taplets.

These fielding rosettes are wired on either 2-wire wooden molding or paiste pipe taplets in precisely the same manner as the Fielding receptacles.

FOR CLEAT OR OPEN WORK

06676	433	Plain cap	250	131	.20	Ajrxo
06677	434*	With $\frac{1}{8}$ -inch bracket cap, female thread	100	61	.30	Ajryg

FOR CONCEALED WORK

06678	441	Plain cap	250	190	.20	Ajrym
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*These bracket caps can be fitted with $\frac{1}{8}$ -inch male threaded nipple as well, at same price as for female nipple.

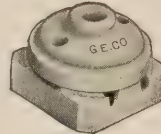
G-E ROSETTES



No. 39234



No. 39236



No. 39238



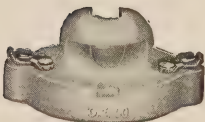
Nos. 60123, 32578



Nos. 60124, 40496



No. 43574



No. 43111



No. 34356



No. 112429

FUSED—125 VOLTS

Trade No.	Mfrs. No.		Std. Pkg.	Price Each
028873	39234	Cleat	250	\$0.16
028874	39236	Concealed	250	.16
028875	39238	Moulding	250	.16

FUSELESS—250 VOLTS

028876	39235	Cleat	250	.15
028877	39237	Concealed	250	.15
028878	39239	Moulding	250	.15

FUSED—125 VOLTS

028879	60123	Cleat	250	.26
028880	60124	Concealed	250	.26
028881	60396	Moulding	250	.26
028882	43574	Cleat cast terminal lugs	250	.26
028883	65962	For outlet boxes	250	.26
028884	105674	Cleat, with cushioned support	100	.41

FUSED—250 VOLTS

Double Pole for Glass Tube Fuses

028885	32578	Cleat	250	.30
028886	40496	Concealed	250	.30
028887	40497	Moulding	250	.30
028888	43575	Cleat cast terminal lugs	250	.30

ROSETTE CAPS

028889	40414	For 32578, 40496, 40497 and 43575 rosettes	250	.20
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2 AMPERES FUSES

028890	32579	For 32578, 40496, 40497 and 43575 rosettes	100	.05
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FUSELESS—250 VOLTS

028891	59809	Cleat	250	.23
028892	59807	Concealed	250	.23
028893	59808	Moulding	250	.23
028894	65963	For outlet boxes	250	.23
028895	66678	Cleat, with cushioned support	100	.38

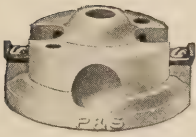
FUSELESS—ONE PIECE

		125 Volts		
028896	60474	Cleat or concealed	250	.16
		250 Volts		
028897	43111	Cleat	500	.08
028898	34356	Moulding	250	.20

FUSELESS—250 VOLTS

061123	112429	With sub-base	250	.30
061124	112430	Without sub-base	250	.26

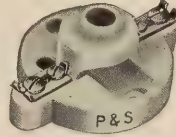
P. & S. ROSETTES



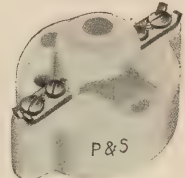
No. 602



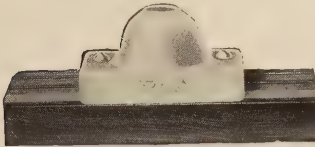
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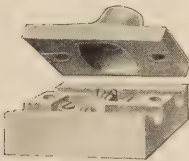
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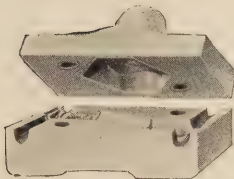
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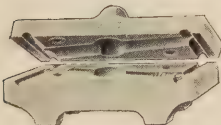
No. 610



No. 608



No. 607



No. 609



No. 70



No. 170

ONE-PIECE, FUSELESS, CLEAT

Trade No.	Mfrs. No.	Sup. Screws Centered, In	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
042940	602	1½	250	90	\$0.16
042941	603	1⅞	250	80	.12½
042942	703	1⅞	250	58	.08

No. 703 carries the wires ½ inch from the surface wired over. It can be used on concealed work also, as holes for bringing the wires up through have been provided in the rosette.

042943	162	1⅝	250	85	.16
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No. 162 carries the wires 1 inch from the surface wired over. It can be used on concealed work also, as holes for bringing the wires up through have been provided in the rosette.

TWO-PIECE, FUSELESS

Molding

042944	610	1⅞	250	55	.17
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No. 610 can be used without cutting molding. Wires are looped over the terminals and run straight through.

042945	608	1¾	250	67	.15
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Cleat

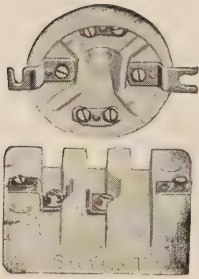
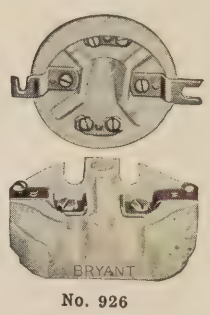
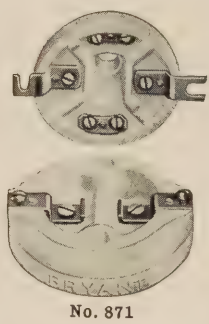
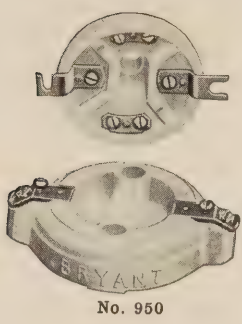
042946	607	1⅝	250	81	.17
042947	609	2¾	250	160	.18

No. 609 carries the wire 1 inch from the surface wired over and 4 inches apart to meet the requirements on mill and factory installations. Approved for use on 500-volt grounded circuits in street railway properties.

CEILING BUTTONS

042948	70	1⅝	500	85	.04½
042949	170	1⅞	500	103	.05½

K. W. ROSETTES

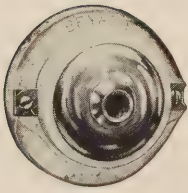


Trade No.	Mfrs. No.		Sup. Screws Cent. Ins.	Std. Pkg.	Price Each	Code Word
043061	950	Cleat with Stamped Lugs.	1 $\frac{5}{8}$	250	\$0.26	Ajaba
043062	870	Cleat with Cast Lugs	1 $\frac{5}{8}$	250	.26	Ajabe
043063	871	Concealed.....	1 $\frac{5}{8}$	250	.26	Ajabo
043064	926	2-Wire Moulding.....	1 $\frac{5}{8}$	250	.26	Ajabs
043065	1426	3-Wire Moulding.....	2 $\frac{5}{8}$	250	.26	Ajabt
043066	872	Combination.....	1 $\frac{5}{8}$	250	.26	Ajabu

No. 1426

K.-W. BRACKET ROSETTES

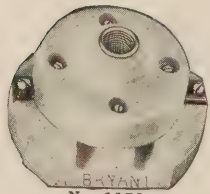
With Brass Face Plate—125 Volts



043067	873	Concealed	1 $\frac{5}{8}$	100	.36	Ajaca
043068	1176	Cleat	1 $\frac{5}{8}$	100	.36	Ajack
043069	1177	2-wire Moulding.....	1 $\frac{5}{8}$	100	.36	Ajaco
043070	287	3-wire Moulding.....	2 $\frac{5}{8}$	100	.36	Ajact
043071	1402	Combination	1 $\frac{5}{8}$	100	.36	Ajacu

No. 873

With Brass Thimble—125 Volts

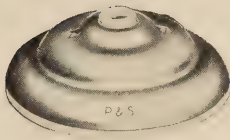


043072	1073	Concealed.....	1 $\frac{5}{8}$	100	.36	Ajada
043073	1178	Cleat.....	1 $\frac{5}{8}$	100	.36	Ajade
043074	1179	2-wire Moulding.....	1 $\frac{5}{8}$	100	.36	Ajado
043075	288	3-wire Moulding.....	2 $\frac{5}{8}$	100	.36	Ajads
043076	1403	Combination	1 $\frac{5}{8}$	100	.36	Ajaeb

No. 1179

Caps are interchangeable, and will fit any K.-W. Rosette Base.
All illustrations are three eighths actual size.

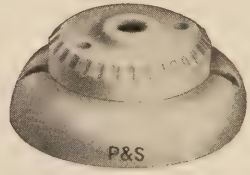
P. & S. ROSETTES



Nos. 112 and 200



No. 113



No. 199

CONCEALED ROSETTES

These rosettes can be used on concealed work or with 3 and 4-inch round and octagon conduit boxes. Shallow ceiling boxes $\frac{1}{2}$ and $\frac{3}{4}$ inch deep with lugs can be used to advantage. On concealed work they can be used without the box if desired by placing them directly on the ceiling as the rosettes are provided with two holes in the back large enough to receive the ends of tubes, conduit or loom.

The standard finish is polished brass, which will be supplied on all orders where no finish is specified. For all other finishes add to the list the same advance as on brass sockets.



No. 604

Two-Piece, Fuseless

Trade No.	Mfrs. No.	Sup. Screws Centered, In.	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
021440	112	$2\frac{3}{4}$ and $3\frac{1}{2}$	100	153	\$0.60

The cap of this rosette is fastened to the base by two screws. These screws are equipped with retaining washers, which prevent their becoming detached from the cover when the cover is removed from the base.



No. 390

021441	200	$2\frac{3}{4}$ and $3\frac{1}{2}$	100	153	.60
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The cap of this rosette is fastened to the base by a spring contact. To remove the cap give it a slight turn.

021442	113	$2\frac{3}{4}$	100	75	.26
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The cap of this rosette is fastened to the base by two screws. These screws are equipped with retaining washers, which prevent their becoming detached from the cover when the cover is removed from the base.



No. 400

021443	199	$2\frac{3}{4}$	100	75	.26
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The cap of this rosette is fastened to the base by a spring contact. To remove the cap give it a slight turn.

021444	604	2	250	125	.17
021445	605	2	250	87	.11

No. 605 is the cap only for No. 604.

LITTLE GEM ROSETTES

The Little Gem line of rosettes has recently been redesigned and the rosettes are now equipped with a cap which snaps in place by a slight turn. Caps are interchangeable and will fit any Little Gem Rosette Base.



No. 810

Two-Piece, Concealed

Trade No.	Mfrs. No.	Sup. Screws Centered, In.	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
021446	390 Fusible	$1\frac{15}{32}$	250	145	\$0.16
021447	70 Fuseless	$1\frac{13}{32}$	250	145	.15

Two-Piece, Cleat

021448	400 Fusible	$1\frac{15}{32}$	250	100	.16
021449	76 Fuseless	$1\frac{13}{32}$	250	100	.15

Two-Piece, Molding

021450	810 Fusible	$1\frac{15}{32}$	250	110	.16
021451	176 Fuseless	$1\frac{13}{32}$	250	110	.15

Two-Piece, for National Metal Molding

021452	39 Fuseless	$1\frac{3}{4}$	100	45	.17
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No. 39

SOCKET FITTINGS



SOCKET HANDLES

Trade No.	Size Hole. Inches.	Size Nipple. Inches.	Std. Pkg.	Price Each.	Code Word.
B1240	$\frac{9}{32}$	$\frac{1}{8}$	....	\$0.11	Abvolotax
For No. 16 Approved Lamp Cord.					
B1388	$\frac{13}{32}$	$\frac{3}{8}$	....	.13	Abvolotel
For No. 16 Approved Portable Cord.					

GAS ATTACHMENTS

		Angle.		
Trade No.	Style Finish.	Std. Pkg.	Price Each.	Code Word.
B 239	Dull Brass.....	500	\$0.04	Abvolotha
B 240	Polished Brass.....	250	.0425	Abvolotju
Straight.				
B1289	Dull Brass.....	500	.04	Abvolotov
B1290	Polished Brass.....	250	.0425	Abvolotpi

EDISON ADAPTERS

B9357	Edison Adapter.....	500	.02	Abrogkyol
Inserting this device in a Thompson-Houston socket adapts it for use with Edison Base Lamp.				

SOCKET RINGS

Trade No.		Std. Pkg.	Price Each.	Code Word.
P50846	Composition, Double Flange.....	100	\$0.04	Abvolouho
P50808	Hard Rubber, Double Flange.....	100	.15	Abvolouvu
P31796	Composition, Single Flange.....	100	.04	Abvolovat
P31797	Hard Rubber, Single Flange.....	100	.15	Abvolovew
P50866	Porcelain, Single Flange.....	100	.05	Abvoloviv

SOFT RUBBER RINGS

B 9399	For use with weatherproof sockets..035	Abvolouah
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BUSHINGS.

Trade No.	Single Hole. Inches.	Size Cap. Inches.	Std. Pkg.	Price per 1000.	Code Word.
P50787	Composition	$\frac{3}{8}$	500	\$10.00	Abvolouvra
P 9165	Composition	$\frac{1}{8}$	1000	7.50	Abvolovto
P10509	Soft Rubber....	$\frac{1}{8}$	500	9.00	Abvolovre
P10922	Composition Fixture Extension.	$\frac{1}{8}$	1000	10.00	Abvolovtu

CORD ADJUSTERS

"TWO BALLS" ADJUSTABLE HANGERS

Trade No.	Style A	Price Each
021515	Black enamel	\$1.40
021516	Gold bronze	1.40
021517	Aluminum	1.40
021518	Special finishes	1.90
	Style B	
021519	Plain brass	2.20
021520	Nickel plate	2.20
021521	Oxidized brass	2.20
021522	Special finishes	2.70
021523	Styles A or B equipped with lead ball to carry heavy shades or special lamps, extra .....	.60

Style A is for use in stores, factories, warehouses, etc.
Style B is for use in offices, residences, hotels, etc.

INNOVATE CORD ADJUSTERS

021524	For new code or reinforced cord.....	1.50
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WOOD ADJUSTING BALLS

Trade No.	Stand. Pkg.	Price per 100
021528	Black enameled.....	100 \$1.15
021529	Stained cherry.....	100 1.15

IMPROVED CORD ADJUSTERS

021530	Ebonized wood.....	1000 .75
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UNIVERSAL CORD SPOOLS

021531	Standard size.....	100 6.00
021532	Factory size.....	100 8.00
021525	Show window cord size.....	100 10.00

Made of hard wood enameled black. Standard size is $3\frac{3}{4}$ inches and takes 6 feet of cord. Factory size is $5\frac{1}{2}$ inches and takes 12 feet of cord.

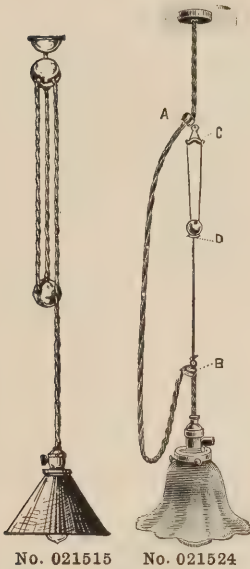
FIBRE ADJUSTERS

Trade No.		Price Each
021526	Less than 500	\$2.00
	500 to 1000	1.70
	1000 and over	1.50

ADAPTABLE LAMP CHANGERS

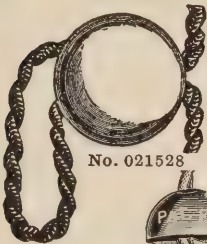
021527	Without pole.....	6.00
	Poles in 5-foot lengths, per foot.....	.30

The only changer that is adjustable to any style or size of lamp and adaptable to any angle. It is suited for the handling of Mazda and Tantalum as well as carbon lamps; slips on and grips the lamp without any jar; is made of steel throughout; weighs only 8 ounces; nickel plated; measures 14 inches over all; $1\frac{1}{4}$ inches in diameter; has no wearing parts and will last a life-time. The device works on any length of pole that a man can handle and the spiral spring acts as a flexible shaft. It is operated by pulling on chain attached above spiral spring.



No. 021515

No. 021524



No. 021528



No. 021530



No. 021531



No. 021526



No. 021527

HUBBELL LAMP GUARDS

Hubbell Lamp Guards are the only electrically welded guards. No solder or tie wires are used.

WITH OPEN BOTTOM

Trade No.	Mfrs. No.	Size* C. P.	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price per Doz.
047851	5485	16	144	35	\$3.50
047852	5487	32	144	40	3.75

WITH CLOSED BOTTOM

047853	5573	16	144	40	3.50
047854	5578	32	144	48	3.75
076674	5766	16	144	58	5.25

TUBULAR

The lamp is inserted into closed bottom and tubular guards by unscrewing the guard from the metal top.

047855	5634	16	60	20	3.50
--------	------	----	----	----	------

FOR USE WITH HUBBELL SHADES

The threaded neck of these guards is made sufficiently large to engage the threaded neck of shade. All the above guards fasten rigidly to the socket shell by means of the clamping ring and do not require a shade holder.

Open Bottom

047856	5534	16	144	35	3.50
047857	5536	32	144	40	3.75

Closed Bottom

047858	5632	16	144	35	3.50
047859	5633	32	144	40	3.75

Above prices do not include shades.

LOCKING GUARDS

Locking guards fasten directly to brass shell of socket without shade holder or clamping ring. They grip the socket securely and guard the lamp against breakage and theft.

For Standard Sockets

047860	5685	16	144	53	5.25
047861	5635	32	144	75	5.55

For Weatherproof Sockets

076675	5730	16	144	53	5.25
076676	5731	32	144	75	5.55

For 100-Watt Mazda Lamps

076677	5762	..	72	51	8.00
--------	------	----	----	----	------

LOCKING GUARDS WITH HALF REFLECTORS

For Standard Sockets

076678	5764	16	144	63	7.00
--------	------	----	-----	----	------

For Weatherproof Sockets

076679	5765	16	144	63	7.00
--------	------	----	-----	----	------

One key is furnished with each dozen guards. Extra keys five cents each net.

ALL-WIRE GUARDS

The neck of the all-wire lamp guard consists of two parallel wires which fit the beading on a brass shell socket or the shade holder groove on a weatherproof socket. After the guard is slipped onto a socket it is drawn up tight by means of a screw on the side of the guard. By means of this screw the guard can be drawn up until it is absolutely rigid.

For Brass Shell Sockets

047862	5691	16	144	35	2.60
047863	5692	32	144	41	3.15

For Weatherproof Sockets

047864	5693	16	144	35	2.60
047865	5694	32	144	41	3.15

*All guards which will take a 16-candle power carbon lamp will also take a 25 or 40-watt short base Mazda Lamp.

All guards which will take a 32-candle power carbon lamp will take a 40 or 60-watt short base Mazda Lamp.



No. 5485



No. 5573



No. 5766



No. 5534



No. 5685



No. 5691

MORSE LAMP GUARDS



No. 107



No. 1

Trade No.	Mfrs. No.	C. P.	Style	Price per Dozen
074203	103	8	Light	\$2.00
074204	107	16	Light	2.00
074205	109	32	Light	2.50
074206	111	16	Heavy	3.00
074207	113	32	Heavy	4.00

OPEN BOTTOM GUARDS

074208	1	16	Light	2.00
074209	2	32	Light	2.50
074210	3	16	Heavy	3.00
074211	4	32	Heavy	4.00

WEATHERPROOF SOCKET GUARDS

Without Socket Attachment

074212	5	16	Light	2.00
074213	6	32	Light	2.50
074214	7	16	Heavy	3.00
074215	8	32	Heavy	4.00

With Socket Attachment

074216	5A	16	Light	3.50
074217	6A	32	Light	4.00
074218	7A	16	Heavy	4.50
074219	8A	32	Heavy	5.50

STANDARD SELF-LOCKING GUARDS

Without Cushion

074220	A	16	.....	1.75
074221	B	32	.....	2.00

With Cushion

074222	C	16	.....	2.00
074223	D	32	.....	2.25

BRASS OR COPPER FINISH

With Cushion

074224	E	16	.....	2.50
074225	F	32	.....	2.75

FOR WEATHERPROOF SOCKETS

With Cushion

074226	G	16	.....	2.00
074227	H	32	.....	2.25

NEW OPEN BOTTOM GUARDS

WITH CUSHION RING

For Brass Sockets

074228	161	16	Light	2.50
074229	162	32	Light	3.00
074230	163	16	Heavy	3.50
074231	164	32	Heavy	4.50

For Weatherproof Sockets

074232	165	16	Light	2.50
074233	166	32	Light	3.00
074234	167	16	Heavy	3.50
074235	168	32	Heavy	4.50

TWO RING GUARDS

3¼ and 4¼-inch Holders

074236	140	16	Light	1.50
074237	141	32	Light	2.00
074238	142	16	Heavy	2.50
074239	143	32	Heavy	3.50

PEERLESS GUARDS

Brass Sockets

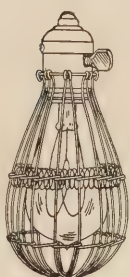
074240	146	16	.....	2.50
074241	147	32	.....	3.00

For Weatherproof Sockets

074242	148	16	.....	2.50
074243	149	32	.....	3.00



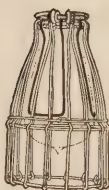
No. 5A



No. A



No. 161



No. 165



No. 140



No. 146

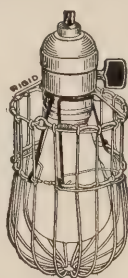
CRESCENT GUARDS



Loxon



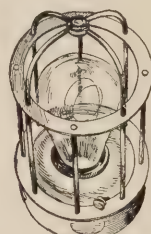
Protector A



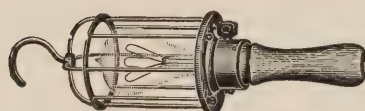
Protector H



Protector O



Wall Guard

LAMP GUARDS
Loxon

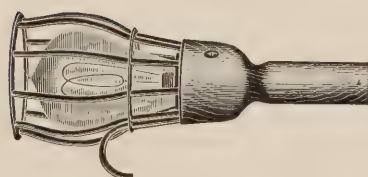
Bulldog



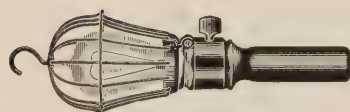
Crescent



Standard



National



Loxon



Thumbswitch Trouble Finders

Trade No.	To Fit Lamp	To Fit Socket	Price per Doz.
021731	16 C.P.	Key	\$6.00
021732	32 C.P.	Key	6.30
021733	16 C.P.	Weatherproof	6.00
021734	32 C.P.	Weatherproof	6.30
021735	60-Watt	Key	8.50
021736	Extra keys, each.....		.10

Loxon locks to the socket with a key. One key furnished with every two dozen guards.

Protector A			
071737	16 C.P.	Key	2.00
Protector H			
021738	16 C.P.	Key	3.00
021739	32 C.P.	Key	3.50
021740	16 C.P.	Weatherproof	3.00
021741	32 C.P.	Weatherproof	3.50

Protector O			
021743	16 C.P.	Key	3.00
021744	32 C.P.	Key	3.50
021745	16 C.P.	Weatherproof	3.00
021746	32 C.P.	Weatherproof	3.50

Protector O guard is rigidly fastened to socket. Construction of guard does not interfere with insertion and removal of lamp.

All Protector Guards have a cushion of piano spring wire, which prevents lamp from coming in contact with outer wires of guard.

Wall Guards			
021747	16 C.P.	Style A	10.20
021748	16 C.P.	Style B	10.20

Style A fits 3-inch outlet boxes; Style B has removable base ring, which can be attached to wall.

PORTABLE GUARDS

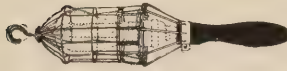
Trade No.	To Fit Lamp C.P.	Style	Style Socket	Price Each
021749	16 and 32	Bulldog	Key	\$3.00
021750	16 and 32	Bulldog	Keyless	3.00
021751	16	Crescent	Keyless	2.00
021752	32	Crescent	Keyless	2.20
021753	16	Standard	Weatherproof	2.50
021754	32	Standard	Weatherproof	2.70
021755	16	National	Weatherproof	2.00
021756	32	National	Weatherproof	2.20
055015	16	Loxon	No reflector	2.00
055016	16	Loxon	With reflector	2.30

Thumbswitch Trouble Finders

021757	Miniature, without lamp	2.50
021758	Miniature, with Mazda Lamp	3.50

An automobile trouble-finding lamp guard, complete with miniature socket, thumbswitch in handle, 10 feet of battery terminals.

MORSE PORTABLE AND CLUSTER GUARDS



No. 76

Trade
No.
074284
074285

Mfrs.
No.
76
78

C. P.
16
32

Price
per Doz.
\$ 9.00
12.00



No. 70

074286
074287

70
72

16
32

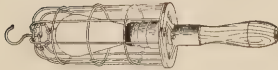
12.00
16.00

PORTABLE LAMP GUARDS

Light

Heavy

EUREKA HAND GUARDS



No. 46

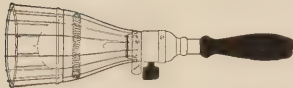
074288

46

16

15.00

MORSE PORTABLE GUARDS



No. 79

074289

79

16

18.00

No. 79 solid brass guard, hook, socket and ebony handle.

COMBINATION PORTABLE WITH REFLECTOR

074290

74

16

20.00



No. 74

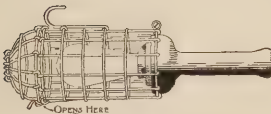
074291
074292

44
44

16
32

24.00
24.00

PORTABLE LAMP GUARDS



No. 44

Trade
No.
074293
074294
074295
074296

Mfrs.
No.
310
312
314
316

Diam.
Inches
12
12
14
14

Style
Coarse
Fine
Coarse
Fine

Price
per Doz.
\$4.00
8.00
5.00
10.00

OUTER GLOBE NETS



No. 310

Trade
No.
074297
074298
074299
074300
074301
074302
074303

Mfrs.
No.
182
184
186
188
190
192
194

Diam.
Inches
12
14
16
18
20
22
24

Price
per Doz.
\$14.00
16.00
18.00
20.00
22.00
26.00
30.00

WEBSTER CLUSTER GUARDS

Light

Heavy



No. 182

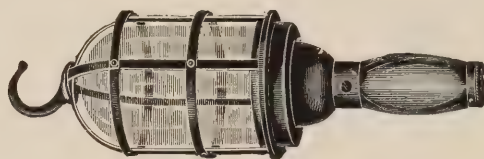
074304
074305
074306
074307
074308
074309
074310

183
185
187
189
191
193
195

12
14
16
18
20
22
24

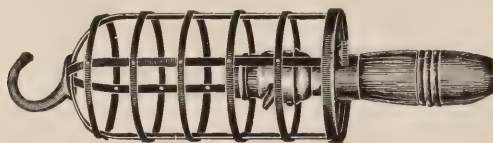
21.00
24.00
27.00
30.00
33.00
39.00
45.00

HAND PORTABLES



No. 422

Trade No.	Mfrs. No.		Price Each	Code Word
018889	422	Brass, watertight, 6 inch globe guarded	\$3.25	Fejo



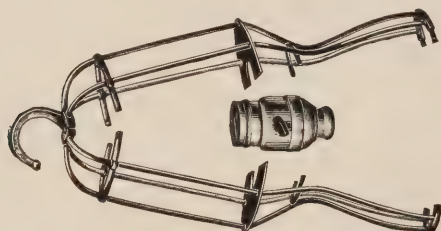
No. 427

018890	427	Brass, non-watertight, hand portable	1.75	Feki
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No. 446

018891	446	Steel guard, brass head, non-watertight	1.00	Feki
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No. 462 Open



No. 462 Closed

018892	462	Brass, clamp on, non-watertight Socket is not included in above price.	1.20	Feks
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No. 463

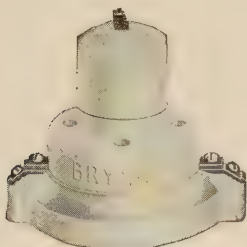
018893	463	Brass, non-watertight bunghole lamp	1.25	Feld
--------	-----	-------------------------------------	------	------



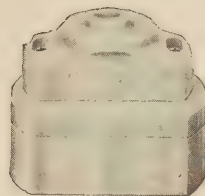
No. 445

018893A	445	Waterproof bunghole, hand portable	5.00	Felf
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FLUSH RECEPTACLES AND PLUGS



No. 1682



No. 241

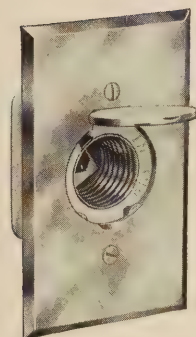
K-W SURFACE PLUG RECEPTACLES

Complete with Plug

Trade No.	Mfrs. No.		Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
036260	1681	Concealed.....	25	22	\$0.85
036261	1682	Cleat.....	25	22	.85
036262	1683	2-wire molding.....	25	22	.85
036263	285	3-wire molding.....	25	22	.85
036264	1684	Combination	25	22	.85

Without Plug

036265	1685	Concealed	25	22	.60
036266	1686	Cleat	25	22	.60
036267	1687	2-wire molding	25	22	.60
036268	286	3-wire molding	25	22	.60
036269	1688	Combination	25	22	.60
036270	1510	Plug only.....	25	5	.25



No. 1708 and No. 1709

BRYANT SURFACE PLUG RECEPTACLES

036271	341	Plug receptacle complete.....	25	30	.60
036272	342	Receptacle only	25	10	.35
036273	343	Plug only	25	20	.25
036274	344	Sub-base for plug receptacle.....	25	8	.10

BRYANT SCREW PLUG FLUSH RECEPTACLES

036275	1708	Edison screw plug flush receptacle.	25	15	.40
036276	1709	Single plate $4\frac{1}{2} \times 2\frac{3}{4}$ inches.....	25	12	.60

Outside supporting screw holes, $3\frac{9}{32}$ inches on centers.

Inside supporting screw holes, $2\frac{3}{16}$ inches on centers.

CHAPMAN RECEPTACLES

036277	1108	Receptacle complete.....	100	120	1.15
036278	1363	Gang receptacle.....	100	60	.40
036279	1364	Single plate $4\frac{1}{2} \times 2\frac{3}{4}$ inches.....	100	48	.55
036280	1110	Plug only (porcelain).....	100	16	.20
036281	397	Plug only (indestructible composition)	25	4	.40

PLATES

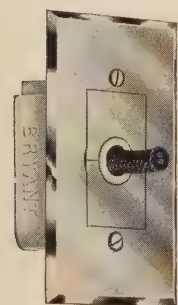
036282	1365	Two receptacles, $4\frac{1}{2} \times 4\frac{9}{16}$ inches.	100	75	1.50
036283	1366	Three receptacles, $4\frac{1}{2} \times 6\frac{3}{8}$ inches.	100	110	2.25
036284	1367	Four receptacles, $4\frac{1}{2} \times 8\frac{3}{16}$ inches.	100	125	3.00

CHAPMAN RECEPTACLES (OLD STYLE)

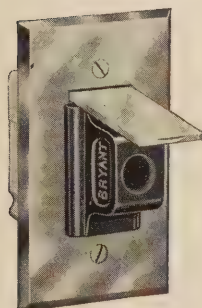
036285	280	Receptacle complete.....	25	30	1.85
036286	281	Gang receptacle.....	25	15	.70
036287	282	Single plate $4\frac{1}{4} \times 2\frac{1}{2}$ inches.....	25	12	.65
036288	283	Plug only composition	25	4	.50

Holes for supporting screws are placed $3\frac{9}{32}$ inches on centers.

All illustrations are three-eighths actual size.



No. 1108



No. 280

BRYANT FLUSH RECEPTACLES AND PLUGS



No. 1508

JUNIOR FLUSH RECEPTACLES

With Small Round Plate $2\frac{1}{16}$ Inches Diameter

Trade No.	Mfrs. No.		Std. Pkg.	Price Each
071123	1508	Receptacle, plate and plug....	25	\$0.80
071124	1509	Receptacle and plate.....	25	.55
071125	375	Metal covered plug.....	25	.25

With Large Round Plate $3\frac{3}{8}$ Inches DiameterWill fit all standard $3\frac{1}{4}$ -inch round and octagon boxes.

071126	393	Receptacle, plate and plug....	25	.90
071127	394	Receptacle and plate.....	25	.65
071128	375	Metal covered plug	25	.25

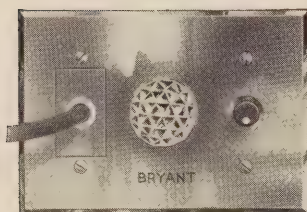


Nos. 411, 412 and 375

With Rectangular Plate $4\frac{1}{2} \times 2\frac{3}{4}$ Inches

Will fit all standard switch and receptacle boxes.

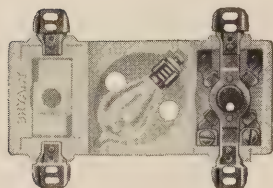
071129	411	Receptacle only.....	25	.40
071130	412	Plate only.....	25	.35
071131	375	Metal covered plug	25	.25



No. 398

BRYANT HEATER CONTROL COMBINATIONS

Trade No.	Mfrs. No.		Std. Pkg.	Price Each
071132	398	Combination complete.....	10	\$6.00

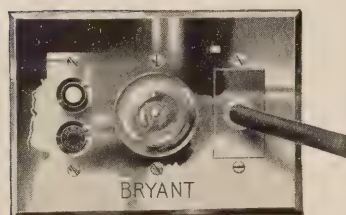
No. 398
with Plate Removed

This outfit consists of No. 1363 Chapman Receptacle, No. 397 Indestructible Chapman Plug, lamp receptacle, 2 c. p. 125-volt candelabra base lamp, 10 amp. d. p., Type O indicating push button switch, and plate, $4\frac{1}{2} \times 6\frac{3}{8}$ inches, with ruby bulls-eye.

It may be installed in any standard or shallow 3-gang switch box. The various devices are mounted on a single piece of porcelain and all wiring connections are complete so that the device is ready to operate when the line wires are attached to the binding posts.

071133	381	Combination plate only, $4\frac{1}{2} \times 6\frac{3}{8}$ inches	10	1.70
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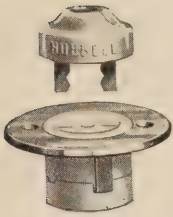
This plate will take one standard push button switch, one No. 1708 receptacle for a lamp and one Chapman Receptacle.



No. 381

HUBBELL FLUSH RECEPTACLES

FLUSH RECEPTACLES WITH ROUND PLATE



No. 5506

2¾-inch Plates						
Trade No.	Mfrs. No.		Std. Pkg.	Wt., Lbs.	Price Each	
084254	5506	Porcelain cap.....	50	12	\$1.00	
084255	5507	Composition cap.....	50	11	1.05	
084256	5508	Brass covered cap.....	50	13	1.10	
3¼-inch Plates						
084257	5561	Porcelain cap.....	50	15	1.10	
084258	5562	Composition cap.....	50	16	1.15	
084259	5563	Brass covered cap.....	50	18	1.20	
Parts						
084260	5614	Receptacle only	50	8	.35	
084261	5615	2¾-in. plate only	50	5	.50	
084262	5616	3¼-in. plate only	50	8	.60	

Holes for supporting screws, 1 7/8 inches on centers for 2 3/4-inch plates and 2 5/8 inches on centers for 3 1/4-inch plates.

FLUSH RECEPTACLES

10 Amperes, 250 Volts
Without Covers

No. 5418

Trade No.	Mfrs. No.		Size Plate, In.	Std. Pkg.	Price Each
039414	5415	Without cap.....	4 1/2 x 2 3/4	50	\$1.25
039415	5416	Porcelain cap.....	4 1/2 x 2 3/4	50	1.40
039416	5417	Composition cap.....	4 1/2 x 2 3/4	50	1.45
039417	5418	Brass covered cap	4 1/2 x 2 3/4	50	1.50
039418	5547	Receptacle only		50	.60
039419	5548	Single plate	4 1/2 x 2 3/4	50	.65
039420	5549	Two-gang plate.....	4 1/2 x 4 9/16	25	1.30
039421	5550	Three-gang plate	4 1/2 x 6 3/8	20	1.95
039422	5599	Four-gang plate	4 1/2 x 8 1/8	10	2.60

With Covers

039423	5498	Without cap.....	4 1/2 x 2 3/4	50	1.75
039424	5499	Porcelain cap	4 1/2 x 2 3/4	50	1.90
039425	5500	Composition cap	4 1/2 x 2 3/4	50	1.95
039426	5501	Brass covered cap.....	4 1/2 x 2 3/4	50	2.00
039427	5579	Receptacle only		50	.60
039428	5580	Single plate	4 1/2 x 2 3/4	50	1.15
039429	5581	Two-gang plate.....	4 1/2 x 4 9/16	25	2.30
039430	5582	Three-gang plate	4 1/2 x 6 3/8	15	3.45
039431	5600	Four-gang plate	4 1/2 x 8 1/8	10	4.60

POLARITY TYPE FLUSH RECEPTACLES

20 Amperes, 250 Volts



No. 5501

039432	5551	Recep., complete	4 1/2 x 2 3/4	25	2.00
039433	5552	Receptacle only		25	.75
039434	5553	Cap only		25	.50
039435	5554	Single plate.....	4 1/2 x 2 3/4	25	.75
039436	5555	Two-gang plate.....	4 1/2 x 4 9/16	15	1.50
039437	5556	Three-gang plate	4 1/2 x 6 3/8	10	2.25
039438	5586	Four-gang plate	4 1/2 x 8 1/8	10	3.00

10 Amperes, 250 Volts

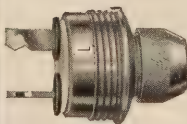
039439	5565	Recep., complete	4 1/2 x 2 3/4	50	1.75
039440	5566	Receptacle only		50	.60
039441	5567	Cap only		50	.50
039442	5568	Single plate.....	4 1/2 x 2 3/4	50	.65
039443	5569	Two-gang plate	4 1/2 x 4 9/16	25	1.30
039444	5570	Three-gang plate	4 1/2 x 6 3/8	15	1.95
039445	5587	Four-gang plate.....	4 1/2 x 8 1/8	10	2.60

With Split Bushing Strain Relief for No. 10 Jumper Cable

20 Amperes, 250 Volts

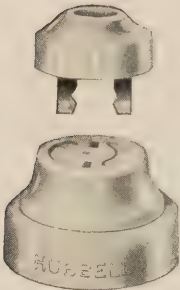


No. 5772

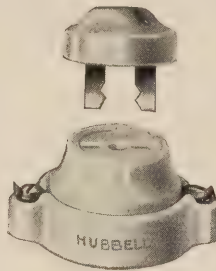


Trade No.	Mfrs. No.		Size Plate, In.	Std. Pkg.	Wt., Lbs.	Price Each
039446	5722	Recep., complete	4 1/2 x 2 3/4	25	30	\$2.50
039447	5552	Receptacle only		25	13	.75
039448	5665	Cap only		25	9	1.00
039449	5554	Single plate	4 1/2 x 2 3/4	25	9	.75
084251	5555	Two-gang plate	4 1/2 x 4 9/16	15	11	1.50
084252	5556	Three-gang plate	4 1/2 x 6 3/8	10	11	2.25
084253	5586	Four-gang plate	4 1/2 x 8 1/8	10	14	3.00

HUBBELL RECEPTACLES



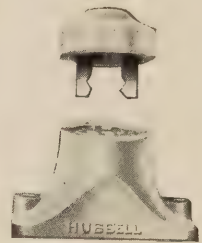
No. 5426



No. 5512



No. 5540



No. 5560

WALL RECEPTACLES, 10 AMPERES, 250 VOLTS

Concealed Base

Trade No.	Mfrs. No.		Sup. Screws Cent., Ins.	Std. Pkg	Wt., Lbs. Std.	Lbs. Pkg.	Price Each
039451	5426	Porcelain cap	1 1/2	50	20		\$0.40
039452	5427	Composition cap	1 1/2	50	19		.45
039453	5428	Brass covered cap	1 1/2	50	21		.50
039454	5617	Base only	1 1/2	50	18		.30

Cleat Base

039455	5512	Porcelain cap	1 13/32	50	21		.40
039456	5513	Composition cap	1 13/32	50	20		.45
039457	5514	Brass covered cap	1 13/32	50	22		.50
039458	5618	Base only	1 13/32	50	17		.30

Molding Base

039459	5540	Porcelain cap	1 1/8	50	20		.40
039460	5541	Composition cap	1 1/8	50	19		.45
039461	5542	Brass covered cap	1 1/8	50	21		.50
039462	5619	Base only	1 1/8	50	16		.30

Fielding Base

039463	5560	Porcelain cap	2 5/16	50	35		.50
039464	5584	Composition cap	2 5/16	50	34		.55
039465	5585	Brass covered cap	2 5/16	50	36		.60
039466	5620	Base only	2 5/16	50	32		.40

POLARITY RECEPTACLES

20 Amperes, 250 Volts

039467	5557	Concealed base	1 7/16	25	19		1.00
039468	5558	Cleat base	1 3/8	25	20		1.00
039469	5559	Molding base	1 1/2	25	19		1.00
039470	5553	Cap only	...	25	7		.50
039471	5621	Base only, concealed	1 7/8	25	15		.55
039472	5622	Base only, cleat	1 3/8	25	15		.55
039473	5623	Base only, molding	1 1/2	25	15		.55

With Split Bushing Strain Relief for No. 10 Jumper Cable

039474	5726	Concealed base	1 7/8	25	20		1.50
039475	5727	Cleat base	1 3/8	25	21		1.50
039476	5726	Molding base	1 1/2	25	21		1.50
039477	5665	Cap only	...	25	9		1.00
039478	5621	Base only, concealed	1 3/8	25	11		.55
039479	5622	Base only, cleat	1 3/8	25	12		.55
039480	5623	Base only, molding	1 1/2	25	12		.55

POLARITY CONDULET RECEPTACLES

20 Amperes, for Use with Crouse-Hinds Type S Condulets

063830	5605	...	25	15			1.00
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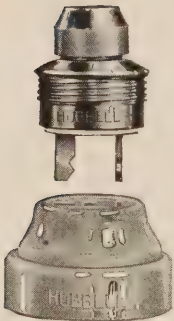
RECEPTACLES FOR FLOOR BOXES

Designed for use with waterproof floor boxes and Type J condulets.

039481	5469	Porcelain cap	5/8	50	19		.60
039482	5470	Composition cap	5/8	50	18		.65
039483	5471	Brass covered cap	5/8	50	20		.70
039484	5624	Base only	5/8	50	16		.50



No. 5557



No. 5726



No. 5469

G-E ATTACHMENT PLUGS



Nos. 3089 and 50996



No. 34153



No. 42456



No. 58729



No. 105062

Nos 49487
and 58730

No. 28840



No. 105002



No. 59071



No. 111384



No. 58953



No. 59805

ATTACHMENT PLUGS

Trade No.	Mfrs. No.		Std. Pkg.	Price Each
060572	3089	Porcelain, with single pole fuse	250	\$0.22
060573	50996	Porcelain, fuseless	250	.22
060574	34153	Brass cap, fuseless, with double bushing	250	.22
060575	48661	Molded, fuseless, with 6-inch leads	100	.44
060576	42456	Separable, fuseless, with porcelain cap	250	.25
060577	58729	Separable, fuseless, with molded cap	100	.50
060578	105062	Miniature separable type, porcelain, fuseless, with molded cap	100	.25
060579	105063	Molded cap for No. 105062	100	.15
060580	28840	Swivel, fuseless, with porcelain cap	250	.30
060581	105002	Miniature, swivel, fuseless, with mica cap	100	.25

SEPARABLE CAPS

For Standard Separable Plugs and Receptacles

060582	49487	Porcelain	100	.10
060583	58730	Molded	100	.15
060584	105003	Metal covered	100	.25



No. 50751

CORD CONNECTORS

060585	59071	Double pole	100	.50
060586	111384	Triple pole	100	.60

COMBINED SOCKET AND ATTACHMENT PLUGS

060587	58953	Two finger contacts	100	.25
		To fit Nos. 49488, 49490 and 42456 attachment plugs		100
060588	59805	Multiple, fuseless	100	.50
060589	105057	Series, fuseless	100	.50
060590	58952	Two finger contacts	100	.25
		Similar to No. 58953, except for series connections		
060591	50751	Fuseless	100	.50
060592	35351	With metal shell, fuseless	100	.60



No. 35351

HUBBELL ATTACHMENT PLUGS

660 WATTS, 250 VOLTS



No. 5406



No. 5598



No. 5493



No. 5729



No. 5749



No. 5701

Showing
No. 5583 Casing
on No. 5406

No. 552

PORCELAIN

Trade No.	Mfrs. No.		Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
039485	5406	Porcelain cap.....	250	28	\$0.30
039486	5408	Composition cap.....	250	26	.35
039487	5410	Brass covered cap.....	250	29	.40
039488	5607	Base only.....	250	25	.20

COMPOSITION

039489	5467	Composition cap.....	250	23	.50
039490	5468	Brass covered cap.....	250	25	.60
039491	5612	Base only.....	250	20	.35

POLARITY

039492	5598	Brass covered cap.....	50	27	.65
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FOR RE-ENFORCED CORD

039493	5491	Porcelain cap.....	50	15	.60
039494	5493	Composition cap.....	50	16	.75
039495	5657	Cap only with Knostrain Bushing.....	50	6	.45

WITH 6-AMPERE FUSE

039496	5729	Porcelain cap.....	100	31	.75
039497	5754	Composition cap.....	100	30	.80
039498	5755	Brass covered cap.....	100	31	.85
039499	5756	Base only.....	100	23	.65

SMALL SEPARABLE

039500	5725	Porcelain cap.....	250	42	.25
039501	5749	Composition cap.....	250	40	.25
039502	5751	Porcelain cap only, for No. 5725.....	250	19	.15
039503	5750	Composition cap only, for No. 5749.....	250	17	.15
039504	5752	Base only, for No. 5725.....	250	23	.15
039505	5784	Base only, for No. 5749.....	250	23	.15

RUBBER CASINGS

039506	5583	Rubber casing.....	30	5	.30
039507	5589	Rubber ring.....	30	1	.05

WEATHERPROOF

10 Amperes, 250 Volts

039508	5520	Porcelain cap.....	30	15	.70
039509	5521	Composition cap.....	30	14	.75
039510	5522	Brass covered cap.....	30	16	.80

COMPOSITION

039511	5701	For Re-Enforced Cord, with Split Bushing Strain Relief Brass covered cap.....	50	15	.75
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P. & S. ATTACHMENT PLUGS

ATTACHMENT PLUGS

Brass Cap



No. 67

Provided with a double bushing, the inner one having a hole $\frac{9}{32}$ inch in diameter, suitable for No. 16 approved lamp cord. This inner bushing can be removed when larger cord is to be used, leaving another bushing with $\frac{13}{32}$ -inch hole, suitable for No. 16 approved portable cord.

The standard finish is polished brass, which will be supplied on all orders where no finish is specified. For all other finishes add one-half the advance on brass sockets to the list price.



Nos. 127 and 147

Trade No.	Mfrs. No.		Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
021406	67	Fuseless.....	250	70	\$0.22

Porcelain Cap

021407	127	Fusible	250	60	.22
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$\frac{9}{32}$ -inch hole in cap for No. 16 approved lamp cord.

021408	147	Fuseless.....	250	60	.22
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$\frac{13}{32}$ -inch hole in cap for No. 16 approved portable lamp cord.

TEST PLUGS

This device is intended for use principally in testing out electric signs, fixtures, festoons, etc. It is so constructed that it can be simply pushed into the receptacle to be tested, making the contact, and removed in the same manner.



No. 81

021409	81	Test plug.....	50	25	.50
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ARMORED WALL RECEPTACLES AND PLUGS

3 Amperes, 250 Volts—6 Amperes, 125 Volts

The case of the armored wall receptacle and plug is made of heavy sheet steel and is practically indestructible. The receptacle will withstand almost any amount of hard usage and is therefore admirably adapted for use in garages, office buildings and in making electric light, telephone connections, etc. The plug will separate from the receptacle at any angle regardless of where the strain is placed on the cord.

The standard finish is oxidized copper which will be supplied on all orders where no finish is specified. For all other finishes add 10 cents to the list price of receptacle and plug; plugs only, add 5 cents each to the list price.

For Use with Wood Molding and Conduit Boxes

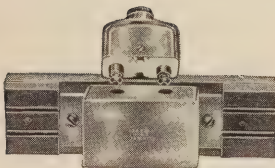
021410	1000	Receptacle and plug	25	23	1.25
021411	1002	Plug only.....	25	12	.50

Holes for supporting screws are spaced $2\frac{3}{16}$ inches on centers.

For Use with National Metal Molding

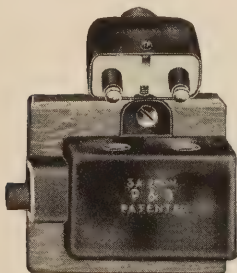
021412	1001	Receptacle and plug	25	25	1.25
021413	1002	Plug only.....	25	12	.50

Holes for supporting screws are spaced $2\frac{3}{16}$ inches on centers.



No. 1000

Mounted on a Wood Molding



No. 1001

Mounted on National Metal Molding

HUBBELL ATTACHMENT PLUG FITTINGS



No. 5424



No. 5737



No. 5419



No. 5420



No. 5421



No. 5700



No. 5657



No. 5553



No. 5665



No. 5665
Exposed



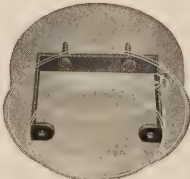
No. 5524



No. 5526



No. 5740



No. 5741

LAMP RECEPTACLES—660 WATTS, 260 VOLTS

For Attachment Plugs

Trade No.	Mfrs. No.	Description	Std. Wt., Pkg.	Lbs.	Price Each
084030	5424	Porcelain.....	30	4	\$0.17

For Polarized Attachment Plugs

084031	5737	Porcelain.....	30	4	.30
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FUSELESS CAPS—10 AMPERES

084032	5419	Porcelain.....	50	3	.15
084033	5420	Composition.....	50	3	.20
084034	5421	Brass covered, porcelain.....	50	3	.25
084035	5523	Brass covered, composition.....	50	3	.30

With Split Bushing Strain Relief

084036	5700	Brass covered, composition.....	50	9	.45
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With Knostrain Bushing

084037	5657	Brass covered, composition.....	50	6	.45
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FUSELESS CAPS, POLARIZED

084038	5567	Steel covered, 10 amps.....	50	14	.50
084039	5553	Steel covered, 20 amps.....	25	7	.50

With Split Bushing Strain Relief

084040	5665	Brass covered, porcelain, for No. 10 jumper cable, 20 amps.....	25	8	1.00
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FUSIBLE CAPS—10 AMPERES

084041	5524	Porcelain.....	30	3	.20
084042	5525	Composition.....	30	3	.25

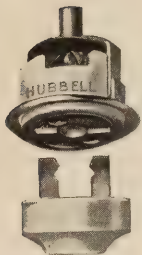
For Reinforced Cord Equipped with Knostrain Bushing

084043	5526	Brass covered, porcelain.....	30	4	.45
084044	5527	Brass covered, composition.....	30	4	.50

CONDUIT BOX ADAPTERS

084045	5740	For 3 1/4-inch box without cover....	100	18	.18
084046	5741	For 4-inch box with cover.....	100	17	.07

HUBBELL ATTACHMENT PLUGS



No. 5323



No. 5423



No. 5497



No. 5652

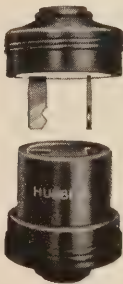
CHANDELIER PLUGS



No. 5699



No. 5518



No. 5743

Trade No.	Mfrs. No.	Without Casing	Std. Wt., Lbs.		Price Each
			Pkg	Std. Pkg.	
039513	5323	Porcelain cap	20	6	\$0.45
039514	5324	Composition cap	20	6	.50
039515	5422	Brass covered cap	20	6	.55
With Brass Casing					
039516	5325	Porcelain cap	20	6	.60
039517	5326	Composition cap	20	6	.65
039518	5423	Brass covered cap	20	6	.70
With 1/8-inch Bushing					
039519	5495	Porcelain cap	20	7	.60
039520	5496	Composition cap	20	7	.65
039521	5497	Brass covered cap	20	7	.70
With 3/8-inch Bushing					
039522	5732	Porcelain cap	20	8	.66
039523	5733	Composition cap	20	8	.71
039524	5734	Brass covered cap	20	8	.76

COMPOSITION REVERSE ATTACHMENT PLUGS

039527	5652	10 amperes	50	12	.75
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COMPOSITION EXTENSION CORD CONNECTORS

039525	5518	Porcelain cap	50	7	.60
039526	5519	Brass covered cap	50	8	.70
With Split Bushing Strain Relief					
039528	5699	10 amperes	50	22	1.25
Polarized—10 Amperes, 250 Volts					
039529	5743	Steel covered cap	30	17	1.40

MOTOR ATTACHMENT PLUGS

10 Amperes, 250 Volts

039530	5746	Composition base, porcelain cap	50	10	.55
039531	5747	Composition base, with strain relief bushing, porce- lain cap	50	16	.95
039532	5744	Porcelain cap only	50	3	.15



No. 5746

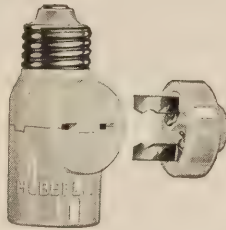


No. 5747

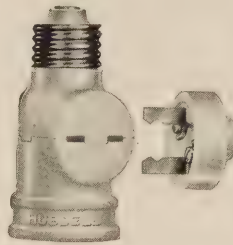
HUBBELL RECEPTACLES AND ATTACHMENT PLUGS



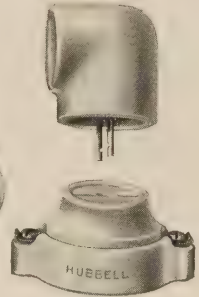
No. 5454



No. 5638



No. 5735



No. 5517

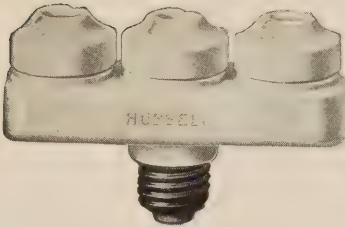
CURRENT TAPS

Multiple

Trade No.	Mfrs. No.		Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
084006	5454	With plug base.....	50	20	\$0.50
084007	5625	Without plug base.....	50	17	.35

Series

084008	5510	With plug base.....	50	20	.50
084009	5626	Without plug base.....	50	17	.35



No. 5327

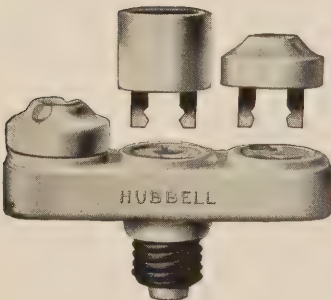
CURRENT TAPS, SIDE OUTLET

600 Watts, 250 Volts

084010	5638	Multiple	50	15	.50
084011	5653	Series.....	50	15	.50

With Shade Holder Groove

084012	5735	Multiple	50	25	.50
084013	5736	Series.....	50	25	.50



No. 5331

ANGLE RECEPTACLES

Trade No.	Mfrs. No.		Supporting Screws Centered Inches	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
084014	5515	Without base..	...	20	6	\$0.50
084015	5516	Concealed	1 1/2	20	10	.75
084016	5517	Cleat.....	1 3/4	20	11	.75
084017	5577	Molding	1 7/8	20	12	.75
084018	5613	Fielding.....	2 1/16	20	12	.85

MULTIPLE PLUGS

Trade No.	Mfrs. No.		Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
084019	5327	For three plugs.....	10	10	\$1.50
084020	5331	For two plugs and one lamp	10	11	1.50
084021	5335	Three plugs base for Chapman Receptacle	10	10	1.50

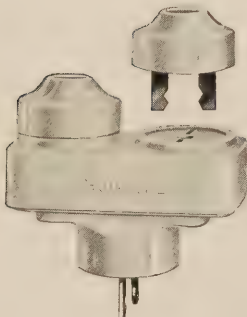
For Hubbell Receptacles—10 Amperes, 250 Volts

084022	5687	Knife blade base, two outlets	10	6	1.00
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For use only with receptacles having lift cover, No. 5501 type.

084023	5783	Knife blade base, two outlets	10	6	1.00
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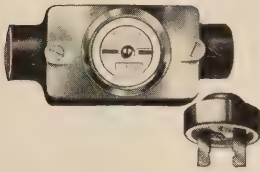
For use with all Hubbell Receptacles, excepting flush receptacles having lift cover.



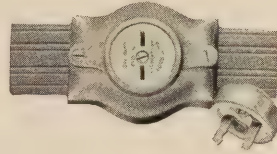
No. 5687

PATTERSON SURFACE RECEPTACLES AND PLUGS

NATIONAL ELECTRICAL CODE STANDARD, 250 VOLTS



No. 3300 Conduit Type Surface Receptacle



No. 3200 Molding Type Surface Receptacle

CONDUIT TYPE

Surface Boxes, Receptacles and Plugs

Trade No.	Mfrs. No.	Model No.	Size, Inches Surface Plate	Size Pipe, Ins. Tapped For	Amp.	Finish	Std. Pkg.	Price Each	Code Word
058174	465	3300	3 x 2 1/8	1/2	10	Brushed brass	25	\$2.50	Bhvae
058175	466	3350	3 x 2 1/8	1/2	10	Black enamel	25	1.75	Bhvak
058176	467	3400	3 1/2 x 3	3/4 *	20	Brushed brass	10	3.50	Bhval
058177	468	3450	3 1/2 x 3	3/4 *	20	Black enamel	10	2.50	Bhvam

Surface Boxes and Receptacles, No Plugs

058178	469	3300R	3 x 2 1/8	1/2	10	Brushed brass	..	2.25	Bhvat
058179	470	3350R	3 x 2 1/8	1/2	10	Black enamel	..	1.50	Bhvpe
058180	471	3400R	3 1/2 x 3	3/4 *	20	Brushed brass	..	3.00	Bhves
058181	472	3450R	3 1/2 x 3	3/4 *	20	Black enamel	..	2.00	Bhvev

Surface Receptacle Plugs

Trade No.	Mfrs. No.		Price Each	Code Word
058182	473	10 Amp. Brass covered, for Nos. 3300 and 3350 receptacles	\$0.30	Bhvex
058183	474	20 Amp. Steel covered, for Nos. 3400 and 3450 receptacles	.60	Bhvfu

*Nos. 3400 and 3450 will be furnished with reducing nipples to take 1/2-inch conduit without charge when specially ordered.

Plugs for Nos. 3400 and 3450 are non-reversing polarity type.

Conduit type receptacles and plugs are superior to any similar fitting for conduit work, on account of having the surface of the porcelain flush with the brass surface plate.

MOLDING TYPE

Surface Receptacles, Casings and Plugs

Trade No.	Mfrs. No.	Model No.	Size Ins. Over All	Cap. Amp.	Fits No. Molding	Finish	Std. Pkg.	Price Each	Code Word
058164	475	3100	3 1/4 x 2 1/4	10	2 Wire No. 14	Brushed brass	25	\$1.50	Bhurg
058165	476	3150	3 1/4 x 2 1/2	10	2 Wire No. 14	Black enamel	25	1.00	Bhurl
058166	477	3200	3 1/2 x 2 3/4	20	2 Wire No. 10	Brushed brass	10	2.50	Bhurm
058167	478	3250	3 1/2 x 2 3/4	20	2 Wire No. 10	Black enamel	10	2.00	Bhurs

Surface Receptacles and Casings, No Plugs

058168	479	3100R	3 1/4 x 2 1/4	10	2 Wire No. 14	Brushed brass	..	1.20	Bhusu
058169	480	3150R	3 1/4 x 2 1/2	10	2 Wire No. 14	Black enamel	..	.80	Bhuth
058170	481	3200R	3 1/2 x 2 3/4	20	2 Wire No. 10	Brushed brass	..	2.00	Bhuvu
058171	482	3250R	3 1/2 x 2 3/4	20	2 Wire No. 10	Black enamel	..	1.50	Bhuwe

Surface Receptacle Plugs

Trade No.	Mfrs. No.		Price Each	Code Word
058172	483	10 Amp. Brass covered, for Nos. 3100 and 3150 receptacles	\$0.30	Bhuxi
058173	484	20 Amp. Steel covered, for Nos. 3200 and 3250 receptacles	.60	Bhuaya

Plugs for Nos. 3200 and 3250 are non-reversing polarity type.

Molding type receptacles and plugs provide an easy first-class method of using 10 amp. and 20 amp. receptacles on a line of molding with minimum projection from wall. The molding is cut square and runs at both ends, almost an inch inside of the metal casing, which itself fits down close over all but the circular face of the receptacle.

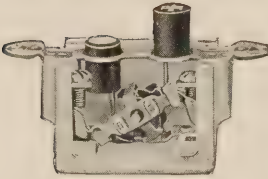
Total depth from wall to front surface of receptacles is only 1 5/8 inches, in both 10 amp. and 20 amp. sizes.

ARROW E FLUSH SWITCHES

NATIONAL ELECTRICAL CODE STANDARD

PUSH BUTTON SWITCHES WITHOUT PLATES

1½ Inches Deep



No. 6500

Trade No.	Mfrs. No.		CAPACITY, AMPERES		Std. Pkg.	Price Each	Code Word
			125 V.	250 V.			
022782	6500	Single pole	10	5	100	\$0.72	Ivfu
022783	6501	Double pole	10	10	50	1.00	Ivhu
022784	6502	Three point	10	5	50	1.00	Ivia
022785	6503	Four point	10	5	10	3.25	Ivio

PUSH BUTTON LOCK SWITCHES WITHOUT PLATES

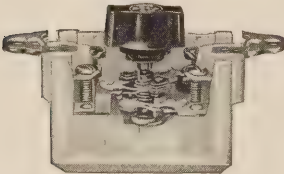
1½ Inches Deep



No. 6504

022786	6504	Single pole	10	5	100	1.22	Iviv
022787	6505	Double pole	10	10	50	1.50	Ivki
022788	6506	Three point	10	5	50	1.50	Ivna
022789	6507	Four point	10	5	10	3.75	Ivoc

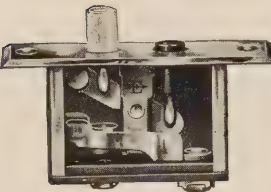
ROTARY SWITCHES WITHOUT PLATES



No. 6252

022790	6250	Single pole	5	3	100	.62	Ivof
022791	6251	Single pole	10	5	50	.71	Ivos
022793	6252	Double pole	10	10	50	1.05	Ivpe
022794	6253	Three point	5	3	50	.82	Ivra
022795	6254	Three point	10	5	50	1.05	Ivro
022796	6255	Four point	5	2	10	1.05	Ivto
022797	6256	Two circuit	5	2	10	1.05	Ivua
022798	6257	Three circuit	5	2	10	1.05	Ivye

LIMOUSINE SWITCH, SINGLE POLE



No. 6111

047337	6111	One gang.....	100	.90	Aoath
047338	6112	Two gang.....	50	1.80	Aoats
047339	6113	Three gang.....	20	2.70	Aoauc

250-VOLT ARROW E DOOR SWITCHES

6 Amperes, 125 Volts. 3 Amperes, 250 Volts

Trade No.	Mfrs. No.		Std. Pkg.	Price Each	Code Word
022799	6550	Light on when door is open	25	\$2.25	Iwag
022800	6551	Light on when door is closed.	10	2.25	Iwao



No. 6550



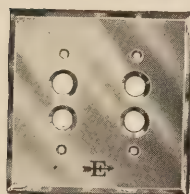
Plunger for No. 6550

Door switches on the market at the present time have operating buttons that protrude anywhere from ½ inch to ¾ inch from the plate. In operating a door switch, the pressure on the button is not direct, but at an angle with the side. This makes a very short leverage tending to cramp a long protruding button, and resulting in a short-lived and hard-working switch. The Arrow E Door Switch has a button which extends out from the plate only ⅜ inch, and is consequently far in advance of the above-mentioned models in this respect.

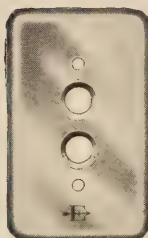
The Arrow E Switch contains a fibre cap which insulates the working part of the switch from the brass plate. The dimensions of the porcelain cup are 2⅓ inches by 1 inch by 1¼ inch. The striking plate is a round disk ¾ inch in diameter, made for two screws. The switch has elongated slots in the ears so that it can be used with standard boxes on the market, including those suitable for Perkins and Diamond H. The centers of these slots are from 3½ inches to 3¾ inches, giving ¼ inch for adjustment to boxes of different patterns.

The plate measures 4½ inches by 1¼ inches by ¾ inch.

ARROW E SWITCH PLATES AND FRAMES



No. 6313



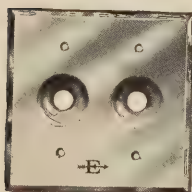
No. 6341



No. 6320



No. 6273



No. 6266



Adjusting Frames

PLATES FOR PUSH BUTTON SWITCHES

ONE HORIZONTAL ROW

Heavy Pressed, .060 Metal

Trade No.	Mfrs. No.	No. Switches	Size Inches	Std. Pkg.	Price Each
021791	6312	1	4 1/2 x 2 3/4	100	\$0.35
021792	6313	2	4 1/2 x 4 1/8	100	.70

Solid

021793	6314	3	4 1/2 x 6 3/8	100	1.05
021794	6315	4	4 1/2 x 8 3/16	100	1.40
021795	6316	5	4 1/2 x 10	100	1.75
021796	6317	6	4 1/2 x 11 1/16	100	2.10
021797	6318	7	4 1/2 x 13 5/8	100	2.45
021798	6319	8	4 1/2 x 15 1/16	100	2.80

Struck Up, .040 Metal Square Corners

021799	6241	1	4 1/2 x 2 3/4	100	.22
021800	6242	2	4 1/2 x 4 1/8	100	.44
021801	6243	3	4 1/2 x 6 3/8	100	.66

Struck Up, .040 Metal Round Corners

045471	6341	1	4 1/2 x 2 3/4	100	.27
045472	6342	2	4 1/2 x 4 1/8	100	.54
045473	6343	3	4 1/2 x 6 3/8	100	.81

TANDEM, ONE VERTICAL ROW

Solid

021802	6320	2	8 1/2 x 2 3/4	100	.70
021803	6321	3	11 3/4 x 2 3/4	100	1.05
021804	6322	4	15 3/8 x 2 3/4	100	1.40

PLATES FOR ROTARY FLUSH SWITCHES

ONE HORIZONTAL ROW

Heavy Pressed, .060 Metal

021805	6265	1	4 1/2 x 2 3/4	100	.53
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Solid

021806	6266	2	4 1/2 x 4 1/8	100	1.20
021807	6267	3	4 1/2 x 6 3/8	100	1.80
021808	6268	4	4 1/2 x 8 3/16	100	2.40
021809	6269	5	4 1/2 x 10	100	3.00
021810	6270	6	4 1/2 x 11 1/16	100	3.60
021811	6271	7	4 1/2 x 13 5/8	100	4.20
021812	6272	8	4 1/2 x 15 1/16	100	4.80

Struck Up, .040 Metal

021813	6245	1	4 1/4 x 2 3/4	100	.40
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TANDEM, ONE VERTICAL ROW

Solid

021814	6273	2	8 1/2 x 2 3/4	100	1.20
021815	6274	3	11 3/4 x 2 3/4	100	1.80
021816	6275	4	15 3/8 x 2 3/4	100	2.40

A standard package of plates for flush switches may be made up of plates for 100 assorted switches, but push button and rotary flush plates must not be mixed.

Standard finishes for flush plates are, polished brass, old brass, brush brass, polished bronze, oxidized copper, and polished nickel. For all other finishes, add 10 cents per switch to above prices.

Fibre cap is furnished under plate of all flush switches to keep out dirt and plaster.

ADJUSTING FRAMES

For Push Button Flush Switches

These adjusting frames are free to all users of Arrow E Switches, and will prove a great convenience to wiremen in lining up gang switches.

G-E FLUSH SWITCHES

NATIONAL ELECTRICAL CODE STANDARD



No. 68247



No. 104688



No. 114731

Mechanism for
No. 114731

Box Only



No. 104684

Mechanism for
No. 104684

PUSH BUTTON SWITCHES

Trade No.	Mfrs. No.	Style	CAPACITY, AMPERES		Std. Pkg.	Price Each
			250 Volts	125 Volts		
061687	68247	S. P.	5	10	100	\$0.72
061688	68248	D. P.	10	10	50	1.00
061689	68249	Three-way	5	10	50	1.00
061690	68250	Four-way	5	10	10	3.25

100 push button switches, assorted, also constitute a standard package.

LOCKING TYPE

061691	104688	S. P.	5	10	100	1.22
061692	104689	D. P.	10	10	50	1.50
061693	104690	Three-way	5	10	50	1.50
061694	104691	Four-way	5	10	10	3.75
061695	104687	Operating key	..	..	100	.15

One key, No. 104687, is furnished with each lock switch.
100 push button switches, assorted standard and lock, also constitute a standard package.

REMOVABLE MECHANISM

061696	114731	S. P.	5	10	100	1.10
061697	114732	D. P.	10	10	50	1.50
061698	114733	Three-way	5	10	50	1.50

Mechanism Only

061699	.....	S. P.	..	..	100	.75
061700	.....	D. P.	..	..	50	1.00
061701	.....	Three-way	..	..	50	1.00

Boxes Only

061702	.....	S. P.	..	..	100	.35
061703	.....	*D. P.	..	..	50	.50
061704	.....	*Three-way	..	..	50	.50

*These boxes can also be used with the removable flush pocket wall receptacle and plug Nos. 104692 and 104693.

LOCKING TYPE

061705	104684	S. P.	5	10	100	1.60
061706	104685	D. P.	10	10	50	2.00
061707	104686	Three-way	5	10	50	2.00
061708	104687	Operating key	..	..	100	.15

One key, No. 104687, is furnished with each lock switch.
100 push button switches, assorted standard and lock, also constitute a standard package.

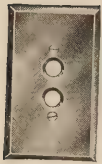
Locking Type — Mechanism Only

061709	.....	S. P.	..	..	100	1.25
061710	.....	D. P.	..	..	50	1.50
061711	.....	Three-way	..	..	50	1.50

G-E FLUSH SWITCHES

NATIONAL ELECTRICAL CODE STANDARD

PLATES FOR PUSH BUTTON SWITCHES



No. 49752

Trade No.	Mfrs. No.	For No. Switches	Price Each
061712	110032	1	\$0.22
061713	110033	2	.44
061714	110034	3	.66
Horizontal			
061715	49752	1	.35
061716	60492	2	.70
061717	60493	3	1.05
061718	60494	4	1.40
061719	60495	5	1.75
061720	60496	6	2.10
061721	60497	7	2.45
061722	60498	8	2.80
Vertical—Tandem			
061723	60499	2	.70
061724	60500	3	1.05
061725	60501	4	1.40

Standard packages ND switch plates, can be furnished either 100 single plates or equivalent in gangs.

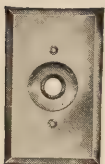
ROTARY SNAP SWITCHES



No. 60473

Trade No.	Mfrs. No.	Style	CAPACITY, AMPERES		Std. Pkg.	Price Each
			250 Volts	125 Volts		
061726	60469	S. P.	5	10	50	\$0.71
061727	60473	D. P.	10	10	50	1.05
061728	60475	Three-way	5	10	50	1.05
061729	60476	Four-way	2	5	10	1.05
061730	60477	Two-circuit	2	5	10	1.05
061731	60480	Three-circuit	2	5	10	1.05
Indicating						
061732	60468	S. P.	5	10	50	.81
061733	60470	D. P.	10	10	50	1.15
061734	60478	Two-circuit	2	5	10	1.15
061735	60479	Three-circuit	2	5	10	1.15

PLATES FOR ROTARY SWITCHES

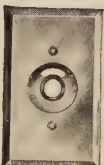


No. 60481

Horizontal			
Trade No.	Mfrs. No.	For No. Switches	Price Each.
061736	60481	1	\$0.53
061737	60482	2	1.20
061738	60483	3	1.80
061739	60484	4	2.40
061740	60485	5	3.00
061741	60486	6	3.60
061742	60487	7	4.20
061743	60488	8	4.80
Vertical—Tandem			
061744	60489	2	1.20
061745	60490	3	1.80
061746	60491	4	2.40
Indicating			
061747	61044	1	.53

Standard package, 100 single plates or equivalent in gangs.

LOCK ATTACHMENTS



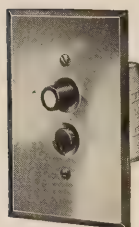
No. 61044

Trade No.	Mfrs. No.	Std. Pkg.	Price Each
061748	60598	100	\$0.16
061749	60599	100	.06
		100	.06

Lock attachment for rotary switches....
Key for No. 60598.....
Switch handles.....

H. & H. PUSH BUTTON FLUSH SWITCHES

NATIONAL ELECTRICAL CODE STANDARD

SHALLOW PUSH BUTTON FLUSH SWITCHES (1½ IN. DEEP)
WITHOUT PLATES

No. 2081

Trade No.	Mfrs. No.		RATING AMPERES		Std.	Price	Code
			125 Volts	250 Volts	Pkg.	Each	Word
038569	2081	Single pole	10	5	100	\$0.72	Zlfe
038570	2082	Double pole	10	10	50	1.00	Zlga
038571	2083	Three way	10	5	50	1.00	Zlgo
038572	2084	Four way	10	5	10	3.25	Zlgu

Outside supporting screw holes 3 3/8 inches on centers.

Inside supporting screw holes 2 3/16 inches on centers.

PUSH BUTTON FLUSH SWITCHES (2 3/16 IN. DEEP)
WITHOUT PLATES

038573	701	Single pole	10	5	100	.72	Zlho
038574	702	Double pole	10	10	50	1.00	Zlig
038575	703	Three way	10	5	50	1.00	Zlin
038576	704	Four way	10	5	10	3.25	Zlji

Outside supporting screw holes 3 3/8 inches on centers.

Inside supporting screw holes 2 3/16 inches on centers.

LOCK PUSH BUTTON SWITCHES WITHOUT PLATES
Shallow, 1½-in. Deep

038577	2081L	Single pole	10	5	100	1.22	Zljo
038578	2082L	Double pole	10	10	50	1.50	Zlju
038579	2083L	Three way	10	5	50	1.50	Zlki
038580	2084L	Four way	10	5	10	3.75	Zlks
038581	5003	Key for lock push button switches			100	.15	Zlku

Outside supporting screw holes 3 3/8 inches on centers.

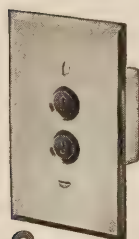
Inside supporting screw holes 2 3/16 inches on centers.

LUGS FOR USE ON PANEL BOARDS

038587 2272 Bus-bar connections for flush switches .07½ Zloc

Can be attached to shallow push button switches.

Special lugs can be furnished to be used with shallow push button switches on panel board work. Connections can be made without wires.



No. 2082L

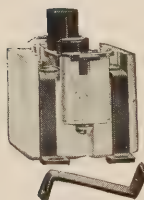
MOMENTARY CONTACT SWITCHES

For Use with Remote Control Switches

038588 2061 Switch without plate 100 3.10 Zlod

The mechanism is like that of the deep type push button switch and is arranged so that a quick contact is made by pressing one of the buttons. When the button is released the circuit is opened by a quick break. Both buttons cannot be pushed at the same time.

The dimensions of this switch are the same as the deep type push button switch. It can be installed in the regular wall box and regular push plate is used. Outside supporting screw holes 3 3/8 inches on centers. Inside supporting screw holes 2 3/16 inches on centers.



No. 2082

BATTERY SWITCHES, WITH PLATES
FOR USE IN AUTOMOBILES AND MOTOR BOATS

Horizontal Style

Trade No.	Mfrs. No.	No. of Gangs	No. of Switches	No. of Pole Switches	Std. Pkg.	Price Each	Code Word
044174	2322	1	1	1	100	\$0.90	Ajria
044175	2401	2	2	1	50	1.80	Ajrim
044176	2402	3	3	1	34	2.70	Ajrma
044177	2403	4	4	1	25	3.60	Ajrmu
044178	2404	5	5	1	20	4.50	Ajrog
044179	2405	6	6	1	17	5.40	Ajrok

Tandem Style

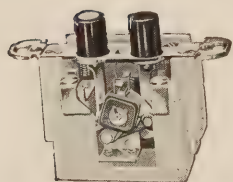
044180	2407	2	2	1	50	1.80	Ajrom
044181	2408	3	3	1	34	2.70	Ajrot
044182	2409	4	4	1	25	3.60	Ajrqu

100 battery switches, assorted, also constitute a standard package.

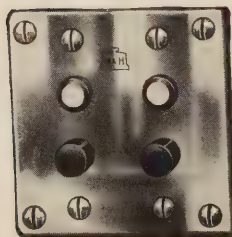
The above listing covers single pole switches with plates.

Three-way switches can be furnished at an additional charge of \$0.30 per switch.

Single pole switches without plate list at \$0.70 each. Single plates at \$0.20 each, gangs in proportion.



No. 2061



No. 2401

PLATES FOR H. & H. PUSH BUTTON FLUSH SWITCHES

STRUCK UP PLATES



No. 4077

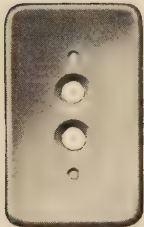
.040-inch Metal

Trade No.	Mfrs. No.	No. of Switches	Dimensions Inches	Std. *Pkg.	Price Each	Code Word
038589	4077	1	4 1/2 x 2 3/4	100	\$0.22	Zlog
038590	4078	2	4 1/2 x 4 9/16	100	.44	Zloj
038591	4079	3	4 1/2 x 6 3/8	100	.66	Zloo

ROUND CORNERS AND EDGES

.040-inch Metal

064342	4081	1	4 1/2 x 2 3/4	100	.27	Zmav
064343	4082	2	4 1/2 x 4 1/16	100	.54	Zmax
064344	4083	3	4 1/2 x 6 3/8	100	.81	Zmbu



No. 4081

.060-inch Metal

038592	2301	1	4 1/2 x 2 3/4	100	.35	Zlop
038593	2302	2	4 1/2 x 4 9/16	100	.70	Zlpi

SOLID PLATES

Made of Hard Rolled Brass 1/8-inch Thick

038594	4051	1	4 1/2 x 2 3/4	100	.35	Zlra
038595	4052	2	4 1/2 x 4 9/16	100	.70	Zlss
038596	4053	3	4 1/2 x 6 3/8	100	1.05	Zlte
038597	4054	4	4 1/2 x 8 3/16	100	1.40	Zlth
038598	4055	5	4 1/2 x 10	100	1.75	Zluf
038599	4056	6	4 1/2 x 11 13/16	100	2.10	Zlug
038600	4057	7	4 1/2 x 13 5/8	100	2.45	Zlul
038601	4058	8	4 1/2 x 15 7/16	100	2.80	Zlum

Switches in gangs spaced 1 13/16 inches between centers.

Special size struck up plates cannot be made.

Solid plates of any size and for any number of switches can be furnished.

Small Plates

038602	4041	1	4 x 2 1/4	100	.35	Zlus
038603	4042	2	4 x 4 1/8	100	.70	Zluv
038604	4043	3	4 x 5 5/16	100	1.05	Zlux
038605	4044	4	4 x 7 3/4	100	1.40	Zlve
038606	4045	5	4 x 9 3/32	100	1.75	Zlwa
038607	4046	6	4 x 11 3/8	100	2.10	Zlxe
038608	4047	7	4 x 13 3/16	100	2.45	Zlyk
038609	4048	8	4 x 15	100	2.80	Zlym

Small plates are not adapted for wall cases, but can be used with wall cases when ears are reversed. Also adapted for use with iron conduit boxes and iron frames.

Tandem Plates

038610	4072	2	8 1/4 x 2 3/4	100	.70	Zlys
038611	4073	3	11 3/4 x 2 3/4	100	1.05	Zmad
038612	4074	4	15 3/8 x 2 3/4	100	1.40	Zmal
038613	4075	5	19 x 2 3/4	100	1.75	Zmar
038614	4076	6	22 5/8 x 2 3/4	100	2.10	Zmat

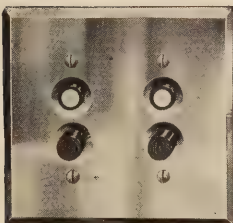
Tandem plates of any size and to accommodate any number of switches can be furnished.

Stock tandem plates are made of one size only and are adapted for use with wall cases and iron conduit boxes.

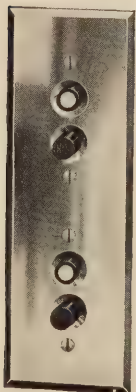
Switches are spaced 3 5/8 inches between centers.

Finishes:—Polished nickel, polished brass, old or brush brass, polished bronze, and oxidized copper are standard finishes. All other finishes are special.

*Plates, either single gang, or assorted to cover 100 switches, constitute a standard package.



No. 4052

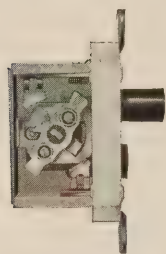


No. 4072

DIAMOND H FLUSH SWITCHES

NATIONAL CODE STANDARD

PUSH BUTTON SWITCHES WITHOUT PLATES



Push Button Switch

Trade No.	Mfrs. No.	Style	CAPACITY, AMPERES		Std. Pkg.	Price Each
			125 V.	250 V.		
027364	050	S. P.	10	5	100	\$1.08
027365	060	D. P.	10	10	50	1.33
027366	070	3-Way	10	5	50	1.33
027367	080	4-Way	10	5	10	3.00

Lock Switches

027368	055	S. P.	10	5	100	1.53
027369	065	D. P.	10	10	50	1.78
027370	075	3-Way	10	5	50	1.78
027371	085	4-Way	10	5	10	3.45

ROTARY SWITCHES WITHOUT PLATES

027372	0105	S. P.	5	3	100	.65
027373	0110	S. P.	10	5	50	.76
027374	0120	D. P.	10	10	50	1.19
027375	0130	3-Way	10	5	50	1.19
027376	0140	4-Way	5	2	10	1.19
027377	0150	2-Pt. EL.	5	2	10	1.19
027378	0160	3-Pt. EL.	5	2	10	1.19

All rotary flush switches may be fitted with lock attachment which can be operated only by special key furnished for that purpose.

PLATES FOR PUSH BUTTON SWITCHES*

In One Horizontal Row

Lock Push Button Switch

Trade No.	No. of Switches	Height Inches	Length Inches	Price Each
014513	1	4 1/2	2 3/4	\$0.38
014514	2	4 1/2	4 9/16	.76
014515	3	4 1/2	6 3/8	1.14
014516	4	4 1/2	8 1/8	1.54
014517	5	4 1/2	10	1.90
014518	6	4 1/2	11 13/16	2.28
014519	7	4 1/2	13 5/8	2.66
014520	8	4 1/2	15 1/16	3.04
014521	9	4 1/2	17 1/4	3.42
014522	10	4 1/2	19 1/16	3.80

Tandem in One Vertical Row

014523	2	8 7/16	2 3/4	.76
014524	3	12 1/2	2 3/4	1.14
014525	4	16	2 3/4	1.54
014526	5	19 3/8	2 3/4	1.90

PLATES FOR ROTARY SWITCHES*

In One Horizontal Row

014527	1	4 1/2	2 3/4	.65
014528	2	4 1/2	4 9/16	1.30
014529	3	4 1/2	6 3/8	1.95
014530	4	4 1/2	8 1/8	2.60
014531	5	4 1/2	10	3.25
014532	6	4 1/2	11 13/16	3.90
014533	7	4 1/2	13 5/8	4.55
014534	8	4 1/2	15 1/16	5.20
014535	9	4 1/2	17 1/4	5.85
014536	10	4 1/2	19 1/16	6.50

Tandem in One Vertical Row

014537	2	8 7/16	2 3/4	1.44
014538	3	12 3/2	2 3/4	1.95
014539	4	16	2 3/4	2.60
014540	5	19 3/8	2 3/4	3.25

LOCK ATTACHMENTS

014541	Key only, for push button lock switches.....	1.10
	For Rotary Snap Surface and Flush Switches	
014544	Lock attachment only.....	1.14
014545	Key only	1.07

*100 single plates or equivalent in gangs is a standard package.



Lock Push Button Switch



Rotary Switch

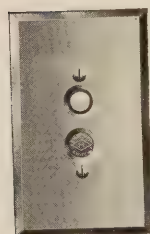


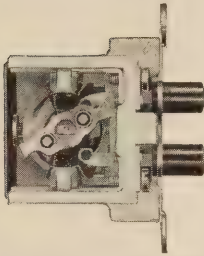
Plate for 1 Push Button Switch



Lock Switch Key

DIAMOND H SWITCHES

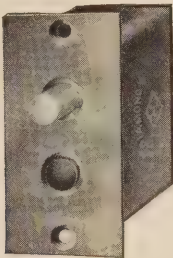
MOMENTARY CONTACT SWITCHES



Momentary Contact Switch

Trade No.	Mfrs. No.	Std. Pkg.	Price Each	Code Word
027379	9 With Plate.....	25	\$3.50	Vnol
027380	09 Without Plate...	25	3.10	Vnon

This is a special push button switch for use in connection with Remote Control Switches. The mechanism is similar to that of the regular Diamond H push button switch and is so arranged that a snap contact is made by pressing either of the buttons and a quick break is obtained when the button is released. Both buttons cannot be pressed at the same time. This switch fits all standard conduit boxes and uses a regular Diamond H push button plate. It can be fitted with lock attachment if desired.



Battery Type Single Gang

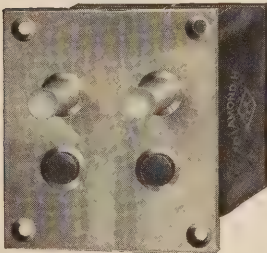
BATTERY TYPE PUSH BUTTON SWITCHES

Single Pole Only

027381	31 Single	100	1.08	Vnov
027382	32 2-Gang	50	2.16	Vnox
027383	33 3-Gang	20	3.24	Vnpa
027384	34 4-Gang	10	4.32	Vnpt

Plate $\frac{5}{16}$ x $2\frac{3}{16}$ inches. Gangs in proportion.

The Miniature Push Button Switch illustrated herewith is designed for low voltage work with automobile and similar batteries. It has a quick make and break and the mechanism is insulated from the current-carrying parts by sheet mica. The face plate is permanently attached to the switch and all wiring connections are made at the back.



Battery Type Two Gang

DOOR LOCK PUSH BUTTON SWITCHES

027385	Complete with Room Switch	Vnpu
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Prices on application.

A new Diamond H Switch for hotel room lighting; it consists of a regular push button switch to be installed at any convenient point in the room, and a door bolt switch installed in the keeper of the door lock. The room switch has an electromagnetic attachment controlled by the door bolt switch, which is so arranged that locking the door on the outside extinguishes the lights, but locking or unlocking the door on the inside does not effect them. When the room is occupied the lights are entirely under control of the occupant by using the room switch. It is impossible to leave the lights burning when the door is locked on the outside.

The plunger in the door lock switch is adjustable and may be lengthened or shortened as desired. This allows any necessary adjustment after switch is installed.

The amount of current saved by this device is, of course problematical, but conservative estimates have placed it at fully fifty per cent. This saving in a hotel of one hundred or more rooms is considerable and the additional first cost is soon made up. We would be pleased to demonstrate this switch to prospective users.



Door Lock Switch

DIAMOND H SPECIALTIES

NATIONAL CODE STANDARD



No. 650

Trade No.	Mfrs. No.		Std. Pkg.	Price Each
019470	650	Receptacle, complete.....	30	\$2.15
019471	651	Plate, only.....	30	.90
019472	652	Receptacle, only.....	30	.65
019473	653	Plug, only.....	30	.60

DOOR SWITCHES

019474	601	Light on when door is open.....	25	2.25
019475	602	Light off when door is open.....	10	2.25

WALL CASES
FOR DOOR SWITCHES

Trade No.	Mfrs. No.	No. of Switches	Std. Pkg.	Price Each
019476	681	.....	25	\$0.40

FOR FLUSH SWITCHES

Horizontal Style, 2 1/4 Inches Deep

019477	81	1	100	.43
019478	82	2	50	.76
019479	83	3	25	1.08
019480	84	4	10	1.40
019481	85	5	2	1.73
019482	86	6	1	2.05
019483	87	7	1	2.37
019484	88	8	1	2.70
019485	90	10	1	3.35

Tandem Style, 2 1/4 Inches Deep

019486	T82	2	10	.76
019487	T83	3	5	1.08
019488	T84	4	1	1.40
019489	T85	5	1	1.73

Horizontal Style, 3 Inches Deep

019490	181	1	100	.54
019491	182	2	50	.96
019492	183	3	25	1.30
019493	184	4	10	1.62
019494	185	5	2	2.05
019495	186	6	1	2.38
019496	187	7	1	2.70
019497	188	8	1	3.02
019498	190	10	1	3.67

Tandem Style, 3 Inches Deep

019499	T182	2	10	.86
019500	T183	3	5	1.30
019501	T184	4	1	1.62
019502	T185	5	1	2.05

Horizontal Style, 3 3/4 Inches Deep

019503	281	1	100	.54
019504	282	2	50	.86
019505	283	3	25	1.20
019506	284	4	10	1.62
019507	285	5	2	2.05
019508	286	6	1	2.38
019509	287	7	1	2.70
019510	288	8	1	3.02
019511	290	10	1	3.67

Tandem Style, 3 3/4 Inches Deep

019512	T282	2	10	.86
019513	T283	3	5	1.30
019514	T284	4	1	1.62
019515	T285	5	1	2.05

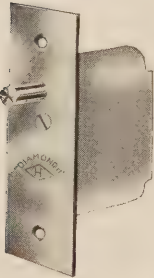
WOOD MATS

Dark Oak, Light Oak, or Ash

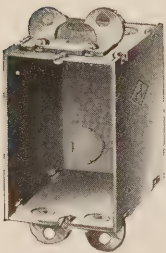
072980	.....	1	25	.40
072981	.....	2	10	.50
072982	.....	3	5	.60
072983	.....	4	5	.70
072984	.....	6	1	.90
072985	.....	8	1	1.00



No. 651



No. 601



No. 81



No. 072980

ARROW E SURFACE SWITCHES

NATIONAL ELECTRICAL CODE STANDARD

SINGLE POLE, PONY SIZE

5 Amperes, 125 Volts—3 Amperes, 250 Volts

Trade No.	Mfrs. No.		Sup. Cent.	Screws Ins.	Std. Pkg.	Price Each	Code Word
020724	6100	Open base	1 $\frac{1}{32}$		250	\$0.28	Ilga
020725	6101	Open base indicating	1 $\frac{1}{32}$		250	.32	Ilgo
020726	6102	Closed base	1 $\frac{1}{32}$		250	.28	Ilgu
020727	6103	Closed base indicating	1 $\frac{1}{32}$		250	.32	Ilhe

All Metal Cover

045479	6106	Closed base	1 $\frac{1}{32}$		250	.36	Ilia
045480	6107	Closed base indicating	1 $\frac{1}{32}$		250	.40	Ilhb

SINGLE POLE, LARGE SIZE

5 Amperes, 125 Volts—3 Amperes, 250 Volts

020728	6200	Open base	1 $\frac{7}{16}$		100	.36	Ilig
020729	6201	Open base indicating	1 $\frac{7}{16}$		100	.40	Iljo
020730	6202	Closed base	1 $\frac{7}{16}$		100	.36	Ilju
020731	6203	Closed base indicating	1 $\frac{7}{16}$		100	.40	Ilki
045474	6350	Molding base	...		100	.36	Ilkj
045475	6351	Molding base indicating	...		100	.40	Ilkl

SINGLE POLE

10 Amperes, 125 Volts—5 Amperes, 250 Volts

020732	6204	Open base	1 $\frac{3}{32}$		100	.48	Ilks
020733	6205	Open base indicating	1 $\frac{3}{32}$		100	.54	Ilku
020734	6206	Closed base	1 $\frac{3}{32}$		100	.48	Ilna
020735	6207	Closed base indicating	1 $\frac{3}{32}$		100	.54	Ilne

20 Amperes, 125 Volts

047321	6115	Open base	2 $\frac{1}{8}$		10	.90	Aoame
047322	6116	Open base indicating	2 $\frac{1}{8}$		10	1.00	Aoamp
047323	6117	Closed base	2 $\frac{1}{8}$		10	.90	Aoami
047324	6118	Closed base indicating	2 $\frac{1}{8}$		10	1.00	Aoami

DOUBLE POLE

5 Amperes, 250 Volts

020736	6208	Open base	1 $\frac{7}{16}$		100	.56	Ilno
020737	6209	Open base indicating	1 $\frac{7}{16}$		100	.64	Ilnu
020738	6210	Closed base	1 $\frac{7}{16}$		100	.56	Ilod
020739	6211	Closed base indicating	1 $\frac{7}{16}$		100	.64	Ilod
045476	6352	Molding base	...		100	.66	Ille
045477	6353	Molding base indicating	...		100	.76	Illof

10 Amperes, 250 Volts

020740	6215	Open base	1 $\frac{3}{32}$		100	.66	Illog
020741	6216	Open base indicating	1 $\frac{3}{32}$		100	.76	Illo
020742	6217	Closed base	1 $\frac{3}{32}$		100	.66	Illo
020743	6218	Closed base indicating	1 $\frac{3}{32}$		100	.76	Ilpi

20 Amperes, 250 Volts

047325	6120	Open base	2 $\frac{1}{8}$		30	1.20	Aoanp
047326	6121	Open base indicating	2 $\frac{1}{8}$		30	1.30	Aoant
047327	6122	Closed base	2 $\frac{1}{8}$		30	1.20	Aoao
047328	6123	Closed base indicating	2 $\frac{1}{8}$		30	1.30	Aoav

THREE POINT

3 Amperes, 125 Volts—1 Ampere, 250 Volts

020744	6223	Open base	1 $\frac{7}{16}$		100	.48	Ilra
020745	6224	Closed base	1 $\frac{7}{16}$		100	.48	Ilss

5 Amperes, 125 Volts—3 Amperes, 250 Volts

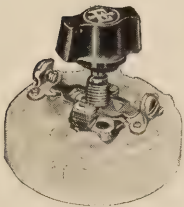
020746	6225	Open base	1 $\frac{7}{16}$		100	.56	Ilte
020747	6226	Closed base	1 $\frac{7}{16}$		100	.56	Ilth
045478	6354	Molding base	...		100	.66	Iltk

10 Amperes, 125 Volts—5 Amperes, 250 Volts

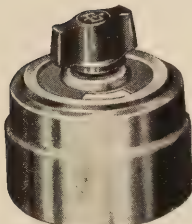
020748	6229	Open base	1 $\frac{3}{32}$		50	.66	Iluf
020749	6230	Closed base	1 $\frac{3}{32}$		50	.66	Ilug

20 Amperes, 125 Volts

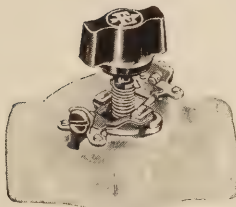
047329	6124	Open base	2 $\frac{1}{8}$		10	1.20	Aoaph
047330	6125	Closed base	2 $\frac{1}{8}$		10	1.20	Aoapu



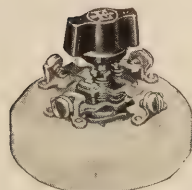
No. 6102



No. 6107



No. 6350



No. 6210

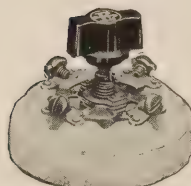


No. 6230

ARROW E SWITCHES

NATIONAL ELECTRICAL CODE STANDARD

FOUR POINT



No. 6232

Trade No.	Mfrs. No.		5 Amperes, 125 Volts—2 Amperes, 250 Volts		Price Each	Code Word
			Sup. Screws Centered Ins.	Std. Pkg.		
020750	6231	Open base	$1\frac{1}{32}$	30	\$0.86	Ilul
020751	6232	Closed base	$1\frac{1}{32}$	30	.86	Ilum

TWO CIRCUIT ELECTROLIER, 250 VOLTS

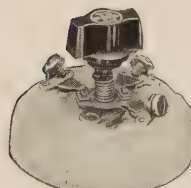
5 Amperes, 125 Volts—2 Amperes, 250 Volts						
020752	6233	Open base	$1\frac{1}{32}$	30	.76	Ilus
020753	6234	Open base, indicating	$1\frac{1}{32}$	30	.86	Ilux
020754	6235	Closed base	$1\frac{1}{32}$	30	.76	Ilve
020755	6236	Closed base, indicating	$1\frac{1}{32}$	30	.86	Ilyk

THREE CIRCUIT ELECTROLIER

5 Amperes, 125 Volts—2 Amperes, 250 Volts						
020756	6237	Open base	$1\frac{1}{32}$	30	.76	Ilym
020757	6238	Open base, indicating	$1\frac{1}{32}$	30	.86	Ilys
020758	6239	Closed base	$1\frac{1}{32}$	30	.76	Imad
020759	6240	Closed base, indicating	$1\frac{1}{32}$	30	.86	Imal

PORCELAIN CAP SWITCHES

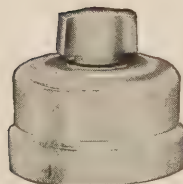
SINGLE POLE



No. 6235

10 Amperes, 125 Volts. 5 Amperes, 250 Volts						
020760	6280	Open base	$1\frac{1}{32}$	30	.64	Imar
020761	6282	Closed base	$1\frac{1}{32}$	30	.64	Imat

DOUBLE POLE



No. 6286

10 Amperes, 125 Volts. 10 Amperes, 250 Volts						
020762	6284	Open base	$1\frac{1}{32}$	10	.82	Imav
020763	6286	Closed base	$1\frac{1}{32}$	10	.82	Imbu

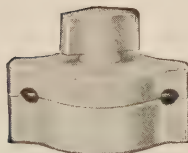
THREE-POINT

10 Amperes, 125 Volts. 5 Amperes, 250 Volts						
020764	6288	Open base	$1\frac{1}{32}$	10	.82	Imdu
020765	6289	Closed base	$1\frac{1}{32}$	10	.82	Imeg

FOUR-POINT

5 Amperes, 125 Volts. 2 Amperes, 250 Volts						
020766	6290	Open base	$1\frac{1}{32}$	10	.82	Imek
020767	6291	Closed base	$1\frac{1}{32}$	10	.82	Imep

TWO-CIRCUIT ELECTROLIER



No. 6294

5 Amperes, 125 Volts. 2 Amperes, 250 Volts						
020768	6292	Open base	$1\frac{1}{32}$	10	.82	Imev
020769	6294	Closed base	$1\frac{1}{32}$	10	.82	Imey

THREE-CIRCUIT ELECTROLIER

5 Amperes, 125 Volts. 2 Amperes, 250 Volts						
020770	6296	Open base	$1\frac{1}{32}$	10	.82	Imfa
020771	6298	Closed base	$1\frac{1}{32}$	10	.82	Imfe

CLEAT TYPE PORCELAIN CAP SWITCHES

SINGLE POLE

5 Amperes, 125 Volts. 3 Amperes, 250 Volts						
020772	6280	Cleat base	$1\frac{1}{32}$	100	.36	Imfo
047340	6261	Cleat base, indicating	$1\frac{1}{32}$	100	.40	Aoaug

250 VOLT PENDENT SWITCHES



No. 6600

6 Amperes, 125 Volts, 3 Amperes, 250 Volts						
020804	6600	Double buttons	...	100	.50	Inaw
020805	6700	Side release	...	100	.50	Ineb

The oldest type of pendent switch on the market is what is known as the side release. This device has proved very popular, and large quantities of these switches have been sold on that account. However, in the past they have never been good switches and have not been approved by the Underwriters' National Electrical Association, on account of their defective design.

We illustrate a side release pendent switch which is approved by the Underwriters' National Electrical Association, and is a labeled switch. These switches are small and graceful of design. They are easy to operate, and the buttons protrude from the shell only $\frac{1}{4}$ of an inch. The mechanism is well constructed and long lived and the cap is provided with a double bushing, the inner one having a hole $\frac{3}{32}$ inch in diameter suitable for No. 16 approved lamp cord. This inner bushing can be removed when larger cord is to be used, leaving another bushing with $\frac{1}{8}$ inch hole suitable for No. 16 approved portable cord.

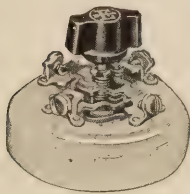


No. 6700

ARROW E SURFACE SWITCHES

600 VOLT SURFACE SWITCHES

3 Ampere, Single Pole Quadruple Break



No. 6402

Trade No.	Mfrs. No.		Sup. Cent.	Screws Ins.	Std. Pkg.	Price Each	Code Word
020788	6400	Open base	17/16		50	\$0.54	Imow
020789	6401	Open base, indicating	17/16		50	.60	Impt
020790	6402	Closed base	17/16		50	.54	Imru
020791	6403	Closed base, indicating	17/16		50	.60	Imte

5 Ampere, Single Pole

020792	6410	Open base	13/16		50	.66	Imts
020793	6411	Open base, indicating	13/16		50	.76	Imub
020794	6412	Closed base	13/16		50	.66	Imuh
020795	6413	Closed base, indicating	13/16		50	.76	Imuk

10 Ampere, Single Pole

047331	6415	Open base	21/8		50	1.40	Aoara
047332	6416	Open base, indicating	21/8		50	1.50	Aoarf
047333	6417	Closed base	21/8		50	1.40	Aoarg
047334	6418	Closed base, indicating	21/8		50	1.50	Aoaru

3 Ampere, 3 Point

020796	6420	Open base	17/16		50	.70	Imur
020797	6421	Closed base	17/16		50	.70	Imvo

5 Ampere, 3 Point

020798	6422	Open base	13/16		50	.90	Imyp
020799	6423	Closed base	13/16		50	.90	Imyk

10 Ampere, 3 Point

047335	6424	Open base	21/8		50	1.40	Aoash
047336	6425	Closed base	21/8		50	1.40	Aoasu

5 Ampere, Single Pole, Porcelain Cap

020800	6440	Open base	13/16		10	.82	Inah
020801	6442	Closed base	13/16		10	.82	Inak

5 Ampere, 3 Point, Porcelain Cap

020802	6450	Open base	121/32		10	.90	Inap
020803	6451	Closed base	133/32		10	.90	Inav

PORCELAIN SWITCH BASES

For 5 Ampere Switches

Trade No.	Mfrs. No.		Std. Pkg.	Price Each	Code Word
020773	6330	For cleat work	100	\$0.05	Imga
020774	6331	For concealed work	100	.05	Imge
020775	6332	For moulding work	100	.05	Imgo

For 10 Ampere Switches

020776	6335	For cleat work	100	.06	Imha
020777	6336	For concealed work	100	.06	Imiw
020778	6337	For moulding work	100	.06	Imja

For 5 and 10 Ampere Single Pole Switches

020779	6340	To be used at the end of moulding	100	.06	Imke
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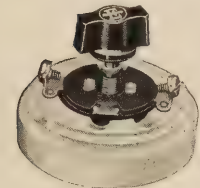
LOCK ATTACHMENTS

020780	6220	With key	100	.22	Imki
020781	6221	Without key	100	.16	Imko
020782	6222	Key	100	.06	Imks
020783	6508	Key for push button switch	100	.15	Imle

By substituting this lock attachment for the regular handle on any Arrow E rotary switch, either surface or flush, except porcelain caps, lock switches may be obtained. By using this lock attachment, special plates are not required for lock flush switches.

HANDLES

020784	6555	Handle for 5 amp. pony switch	100	.06	Imni
020785	6556	Handle for all surface switches except 5 amp. pony	100	.06	Imod
020786	6557	Handle for rotary flush switches	100	.06	Imon
020787	6558	Porcelain handle	100	.06	Imon
047341	6559	Handle for 20 amp. switch	100	.06	Aoauk



No. 6412



No. 6423



No. 6451



No. 6337



No. 6221



No. 6222



No. 6557

PERKINS 250-VOLT SWITCHES

NATIONAL CODE STANDARD

SMALL SIZE, SINGLE-POLE

5 Amperes, 125 Volts—3 Amperes, 250 Volts

Trade No.	Mfrs. No.		Sup. Screws Centered, In.	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
			1 $\frac{11}{32}$	250	70	\$0.28
038810	2000	Slotted.....	1 $\frac{11}{32}$	250	70	.28
038811	2220	Solid.....	1 $\frac{11}{32}$	250	70	.32
038812	2047	Slotted, indicating.....	1 $\frac{11}{32}$	250	70	.32
038813	2035	Solid, indicating.....	1 $\frac{11}{32}$	250	70	.32

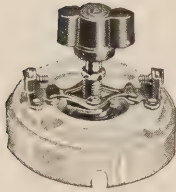


No. 2000

LARGE SIZE, SINGLE-POLE

5 Amperes, 125 Volts—3 Amperes, 250 Volts

038814	2170	Solid.....	1 $\frac{1}{2}$	100	30	.36
038815	2002	Slotted.....	1 $\frac{1}{2}$	100	30	.36
038816	2254	Solid, indicating.....	1 $\frac{1}{2}$	100	30	.40
038817	2255	Slotted, indicating.....	1 $\frac{1}{2}$	100	30	.40



No. 2001

SINGLE-POLE

10 Amperes, 125 Volts—5 Amperes, 250 Volts

038818	2001	Slotted.....	1 $\frac{3}{8}$	100	30	.48
038819	2221	Solid.....	1 $\frac{3}{8}$	100	30	.48
038820	2048	Slotted, indicating.....	1 $\frac{3}{8}$	100	30	.54
038821	2036	Solid, indicating.....	1 $\frac{3}{8}$	100	30	.54

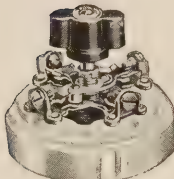
SMALL SIZE, THREE-POINT

3 Amperes, 125 Volts—1 Ampere, 250 Volts

044052	2455	Solid.....	1 $\frac{11}{32}$	100	25	.48
044053	2456	Slotted.....	1 $\frac{11}{32}$	100	25	.48

5 Amperes, 125 Volts—3 Amperes, 250 Volts

038822	2175	Solid.....	1 $\frac{1}{2}$	100	25	.56
038823	2027	Slotted.....	1 $\frac{1}{2}$	100	25	.56



No. 2183

10 Amperes, 125 Volts—5 Amperes, 250 Volts

038932	2176	Solid.....	1 $\frac{3}{8}$	50	20	.66
038933	2030	Slotted.....	1 $\frac{3}{8}$	50	20	.66

FOUR-POINT

5 Amperes, 125 Volts—2 Amperes, 250 Volts

038824	2183	Solid.....	1 $\frac{3}{8}$	30	10	.86
038825	2033	Slotted.....	1 $\frac{3}{8}$	30	10	.86



No. 2429

The above switches can be converted into lock switches by removing the handle and substituting No. 2384 universal lock attachment.

SINGLE-POLE, WITH COVERED BASE

5 Amperes, 125 Volts—3 Amperes, 250 Volts

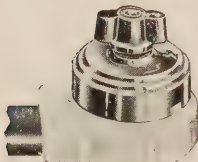
044054	2429	Solid.....		100	80	.36
044055	2430	Solid, indicating.....		100	80	.40

SINGLE-POLE

5 Amperes, 125 Volts—3 Amperes, 250 Volts

FOR NATIONAL MOLDING

038826	2431	One-way base.....		100	40	.36
038827	2432	Two-way base.....		100	40	.36
038828	2433	One-way base, indicating...		100	40	.40
038829	2434	Two-way base, indicating...		100	40	.40

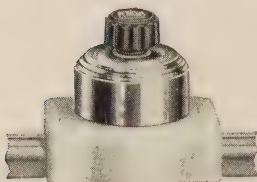


No. 2431

In these switches, the movement is the same as used in our famous "2000," which is sufficient recommendation.

FOR LUTZ MOLDING

071134	2481	One-way base.....		100	..	.36
071135	2482	Two-way base.....		100	..	.36
071136	2483	One-way base, indicating...		100	..	.40
071137	2484	Two-way base, indicating...		100	..	.40



No. 2482

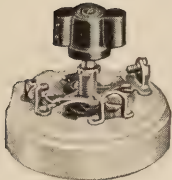
All illustrations are three-eighths actual size.

PERKINS SWITCHES

NATIONAL ELECTRICAL CODE STANDARD

2-CIRCUIT ELECTROLIER

5 Amperes, 125 Volts—2 Amperes, 250 Volts



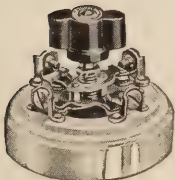
No. 2216

Trade No.	Mfrs. No.		Sup. Screws Centered Ins.	Std. Pkg.	Price Each	Code Word
037161	2216	Solid	1 $\frac{3}{32}$	30	\$0.76	Mvna
037162	2215	Slotted	1 $\frac{3}{32}$	30	.76	Mvoc
037163	2188	Solid, indicating	1 $\frac{3}{32}$	30	.86	Mvof
037164	2074	Slotted indicating	1 $\frac{3}{32}$	30	.86	Mvol

The above switches operate as follows: 1st turn connects circuit one; 2nd turn connects circuit two; 3rd turn connects circuit one and two; 4th turn, off.

3-CIRCUIT ELECTROLIER

5 Amperes, 125 Volts—2 Amperes, 250 Volts



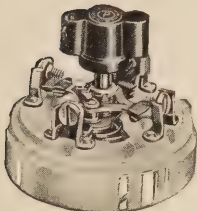
No. 2185

037165	2185	Solid	1 $\frac{3}{32}$	30	.76	Mvos
037166	2070	Slotted	1 $\frac{3}{32}$	30	.76	Mvpe
037167	2187	Solid, indicating	1 $\frac{3}{32}$	30	.86	Mvpi
037168	2072	Slotted, indicating	1 $\frac{3}{32}$	30	.86	Mvra

The above switches operate as follows: 1st turn connects circuit one; 2nd turn connects circuit one and two; 3rd turn connects circuit one, two, and three; 4th turn, off.

DOUBLE POLE

5 Ampere, 250 Volts



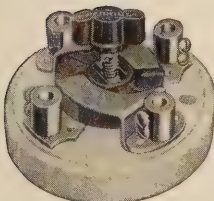
No. 2009

037169	2391	Solid	1 $\frac{11}{32}$	100	.56	Mvux
037170	2392	Slotted	1 $\frac{11}{32}$	100	.56	Mvwe
037171	2393	Solid, indicating	1 $\frac{11}{32}$	100	.64	Mvyc
037172	2394	Slotted, indicating	1 $\frac{11}{32}$	100	.64	Mvyf

10 Ampere, 250 Volts

037173	2009	Solid	1 $\frac{23}{32}$	100	.66	Mvro
037174	2017	Slotted	1 $\frac{23}{32}$	100	.66	Mvta
037175	2038	Solid, indicating	1 $\frac{23}{32}$	100	.76	Mvto
037176	2050	Slotted, indicating	1 $\frac{23}{32}$	100	.76	Mvua

20 Ampere, 250 Volts



No. 2015

037177	2011	Solid	2 $\frac{3}{16}$	30	1.20	Mwag
037178	2019	Slotted	2 $\frac{3}{16}$	30	1.20	Mwak
037179	2040	Solid, indicating	2 $\frac{3}{16}$	30	1.30	Mwao
037180	2052	Slotted indicating	2 $\frac{3}{16}$	30	1.30	Mwce

30 Ampere, 250 Volts

037181	2013	Solid	2 $\frac{9}{16}$	30	1.50	Mwec
037182	2021	Slotted	2 $\frac{9}{16}$	30	1.50	Mwep
037183	2042	Solid, indicating	2 $\frac{9}{16}$	30	1.60	Mwev
037184	2054	Slotted, indicating	2 $\frac{9}{16}$	30	1.60	Mwik

50 Ampere, 250 Volts

037185	2015	Solid	3 $\frac{11}{32}$	10	3.00	Mwir
037186	2023	Slotted	3 $\frac{11}{32}$	10	3.00	Mwis
037187	2044	Solid, indicating	3 $\frac{11}{32}$	10	3.10	Mwoa
037188	2056	Slotted, indicating	3 $\frac{11}{32}$	10	3.10	Mwoh

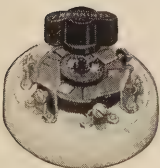
15 AMPERE, TRIPLE POLE

037189	2025	Solid	...	10	2.00	Mwot
037190	2046	Solid, indicating	...	10	2.10	Mwsa

Not furnished on slotted bases.

All switches on this page can be converted into lock switches by removing the handle and substituting No. 2384 Universal lock attachment.

All illustrations are three-eighths actual size, except Nos. 2015 and 2025, which are one-fourth actual size.



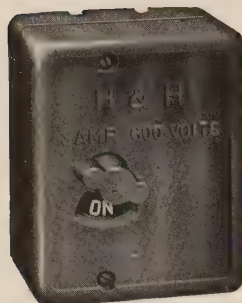
No. 2025

H. & H. SWITCHES

COMBINATION SWITCHES AND CUT-OUTS

BROWN PORCELAIN CAP AND BASE

3 Amperes, 600 Volts



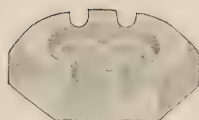
No. 2335

Trade No.	Mfrs. No.	Style	Style Cover	Std. Pkg.	Price Each	Code Word
045995	2335	Single pole	Ind.	25	\$0.90	Blhgi
045996	2336	Three way	Ind.	25	.90	Blhia
045997	2338	Two circuit	Ind.	25	.90	Blhit
045998	2319	Enclosed fuses 3 amp. 600 volts		100	.30	Blhiv

The above prices are for switches without fuses. Switches are shipped with fuses unless otherwise specified.

H & H SUB-BASES

Cleat



No. 1554

020024	1554	For 5 ampere switches	100	.05	Asipu
020025	1556	For 5 and 10 amp. switches	100	.06	Asirg
020026	1558	For 20 and 35 amp. switches.	25	.15	Asirt

H & H LOCK ATTACHMENTS

For Rotary Switches



No. 5002

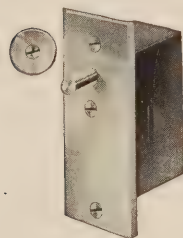
No. 5001

020027	5001	Lock attachment only for 5 and 10 amp. switches	100	.16	Asisp
020028	5010	Lock attachment only for 20 and 35 amp. switches	100	.16	Asita
020029	5009	Lock attachment only for 10 amp., 600 volt switches.	100	.16	Asith
020030	5002	Lock key only	100	.06	Asiub

Any rotary switch, either surface or a flush, can be made a lock switch by removing handle and screwing on lock attachment. Special plate or cover not required.

AUTOMATIC DOOR SWITCHES

Single Pole, 6 Amp., 125 V. 3 Amp., 250 V.



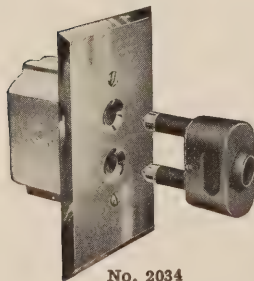
No. 2022

Trade No.	Mfrs. No.		Std. Pkg.	Price Each	Code Word
038615	2022	Light on when door is open	25	\$2.25	Asink
038616	2023	Light on when door is closed	10	2.25	Asint

The box enclosing the switch is of sheet steel .081 in thickness. Contacts are mounted on porcelain fastened to the box. Mechanism is insulated from current carrying parts. The binding screws for wiring are easily accessible. Dimensions of plate, $3\frac{3}{4} \times 1\frac{1}{4}$. Opening required, $2\frac{5}{8} \times 1\frac{1}{16}$, depth, $1\frac{3}{4}$.

FLUSH RECEPTACLES

10 Amperes, 125 Volts



No. 2034

038617	2034	Receptacle complete	30	1.40	Asinu
038618	2001	Receptacle base, only	30	.50	Asiom
038619	2002	Receptacle plug	30	.25	Asiot
038620	2033	Single plate for receptacle	30	.65	Asiul

Receptacles in gangs spaced $1\frac{1}{16}$ inches between centers. Outside supporting screw holes $3\frac{3}{2}$ inches on centers. Inside supporting screw holes $2\frac{1}{16}$ inches on centers.

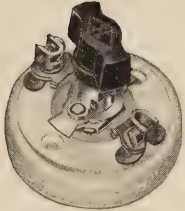
DIAMOND H SURFACE SWITCHES

NATIONAL CODE STANDARD

SINGLE POLE

5 Amp., 125 Volts. 3 Amp., 250 Volts

Trade No.	Mfrs. No.		Std. Pkg.	Price Each
022805	220	Concealed base	102	\$0.45
022806	D220	Concealed base, indicating	102	.45
022807	2200	Slotted base	102	.45
022808	D2200	Slotted base, indicating	102	.45



Nos. 220 and 221

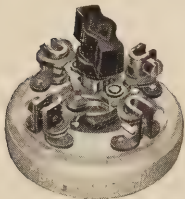
10 Amp., 125 Volts. 5 Amp., 250 Volts

022809	221	Concealed base	102	.58
022810	D221	Concealed base, indicating	102	.58
022811	2210	Slotted base	102	.58
022812	D2210	Slotted base, indicating	102	.58

DOUBLE POLE

5 Amp., 250 Volts

022813	122	Concealed base	102	.76
022814	D122	Concealed base, indicating	102	.76
022815	1220	Slotted base	102	.76
022816	D1220	Slotted base, indicating	102	.76



Nos. 122 and 222

10 Amp., 250 Volts

022817	222	Concealed base	102	.97
022818	D222	Concealed base, indicating	102	.97
022819	2220	Slotted base	102	.97
022820	D2220	Slotted base, indicating	102	.97

THREE-WAY

5 Amp., 125 Volts. 3 Amp., 250 Volts

022821	123	Concealed base	54	.76
022822	1230	Slotted base	54	.76

10 Amp., 125 Volts. 5 Amp., 250 Volts

022823	223	Concealed base	102	.97
022824	2230	Slotted base	102	.97



Nos. 123 and 223

FOUR-WAY

3 Amp., 125 Volts. 1 Amp., 250 Volts

022825	124	Concealed base	12	.76
022826	1240	Slotted base	12	.76

5 Amp., 125 Volts. 2 Amp., 250 Volts

022827	224	Concealed base	24	.97
022828	2240	Slotted base	24	.97



Nos. 124 and 224

TWO-POINT ELECTROLIER

3 Amp., 125 Volts. 1 Amp., 250 Volts

022829	125	Concealed base	12	.76
022830	D125	Concealed base, indicating	12	.76
022831	1250	Slotted base	12	.76
022832	D1250	Slotted base, indicating	12	.76

5 Amp., 125 Volts. 2 Amp., 250 Volts

022833	225	Concealed base	30	.97
022834	D225	Concealed base, indicating	30	.97
022835	2250	Slotted base	30	.97
022836	D2250	Slotted base, indicating	30	.97

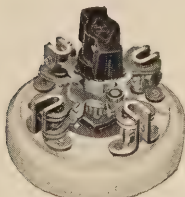
THREE-POINT ELECTROLIER

3 Amp., 125 Volts. 1 Amp., 250 Volts

022837	126	Concealed base	12	.76
022838	D126	Concealed base, indicating	12	.76
022839	1260	Slotted base	12	.76
022840	D1260	Slotted base, indicating	12	.76

5 Amp., 125 Volts. 2 Amp., 250 Volts

022841	226	Concealed base	30	.97
022842	D226	Concealed base, indicating	30	.97
022843	2260	Slotted base	30	.97
022844	D2260	Slotted base, indicating	30	.97



Nos. 125 and 225

PERKINS PENDENT SWITCHES

NATIONAL CODE STANDARD

PERKINS PENDENT SWITCHES

SINGLE-POLE

6 Amperes, 125 Volts—3 Amperes, 250 Volts

Trade No.	Mfrs. No.		Std. Pkg.	Wt. Lbs.	Price Each
071441	2370	Pendent cap.....	100	30	\$0.50
071442	2250	$\frac{1}{8}$ -inch cap.....	100	30	.50
071443	2270	$\frac{3}{8}$ -inch cap.....	100	30	.60



No. 2370

10 Amperes, 125 Volts—5 Amperes, 250 Volts

071444	2359	Pendent cap.....	100	50	.80
071445	2353	$\frac{1}{8}$ -inch cap.....	100	50	.80
071446	2354	$\frac{3}{8}$ -inch cap.....	100	50	.90

TYPE O PENDENT SWITCHES

SINGLE-POLE

10 Amperes, 125 Volts—5 Amperes, 250 Volts

071447	2440	Pendent cap.....	30	15	1.20
071448	2495	Pendent cap, indicating... ..	30	15	1.30
071449	2464	$\frac{3}{8}$ -inch cap.....	30	15	1.30
071450	2501	$\frac{3}{8}$ -inch cap, indicating....	30	15	1.40



No. 2359

DOUBLE-POLE

10 Amperes, 250 Volts

071463	2421	Pendent cap.....	10	5	1.20
071464	2498	Pendent cap, indicating ..	10	5	1.30
071465	2469	$\frac{3}{8}$ -inch cap	10	5	1.30
071466	2504	$\frac{3}{8}$ -inch cap, indicating....	10	5	1.40

THREE-POINT

10 Amperes, 125 Volts—5 Amperes, 250 Volts

071451	2417	Pendent cap.....	30	15	1.20
071452	2465	$\frac{3}{8}$ -inch cap	10	15	1.30

FOUR-POINT

5 Amperes, 125 Volts—2 Amperes, 250 Volts

071453	2418	Pendent cap.....	10	5	1.20
071454	2466	$\frac{3}{8}$ -inch cap	10	5	1.30



No. 2440

ELECTROLIER

5 Amperes, 125 Volts—2 Amperes, 250 Volts

071455	2419	2-circuit, pendent cap	10	5	1.20
071456	2496	2-circuit, pendent cap, indicating	10	5	1.30
071457	2467	2-circuit, $\frac{3}{8}$ -inch cap	10	5	1.30
071458	2502	2-circuit, $\frac{3}{8}$ -inch cap, indicating	10	5	1.40
071459	2420	3-circuit, pendent cap.....	10	5	1.20
071460	2497	3-circuit, pendent cap, indicating	10	5	1.30
071461	2468	3-circuit, $\frac{3}{8}$ -inch cap	10	5	1.30
071462	2503	3-circuit, $\frac{3}{8}$ -inch cap, indicating	10	5	1.40

FOR FAN MOTORS AND OTHER SMALL MOTORS OF SPEED CONTROL

071467	2422	2-speed pendent cap.....	10	5	1.20
071468	2499	2-speed, pendent cap, indicating	10	5	1.30
071469	2470	2-speed, $\frac{3}{8}$ -inch cap	10	5	1.30
071470	2505	2-speed, $\frac{3}{8}$ -inch cap, indicating	10	5	1.40
071471	2423	3-speed, pendent cap.....	10	5	1.20
071472	2500	3 speed, pendent cap, indicating	10	5	1.30
071473	2471	3-speed, $\frac{3}{8}$ -inch cap.....	10	5	1.30
071474	2506	3-speed, $\frac{3}{8}$ -inch cap, indicating	10	5	1.40



No 2454

STRAIGHT-THROUGH SWITCHES

10 Amperes, 250 Volts

071199	2454	Double-pole	25	10	1.20
071200	2490	Double-pole, indicating ...	25	10	1.30

BRYANT AND PERKINS SWITCHES**NEW WRINKLE WALL SWITCHES****Single-Pole****3 Amperes, 125 Volts—1 Ampere, 250 Volts**

Trade No.	Mfrs. No.		Std. Pkg.	Wt., Lbs.	Price Each
078522	371	With 1/8-inch cap.....	50	15	\$0.50
078523	372	With standard wall base.....	50	23	.60
078524	373	With small covered wall base.....	50	25	.65

NEW WRINKLE CEILING SWITCHES**Single-Pole****3 Amperes, 125 Volts—1 Ampere, 250 Volts**

Trade No.	Mfrs. No.		Std. Pkg.	Wt., Lbs.	Price Each
078525	406	With 1/8-inch cap.....	50	15	.50
078526	407	With standard wall base.....	50	23	.60
078527	408	With small covered wall base.....	50	25	.65

NEW WRINKLE SWITCH ROSETTES**Single-Pole****3 Amperes, 125 Volts—1 Ampere, 250 Volts**

Trade No.	Mfrs. No.		Std. Pkg.	Wt., Lbs.	Price Each
078528	422	With cleat base.....	25	12	.60
078529	395	With concealed base.....	25	12	.60
078530	423	With molding base.....	25	12	.60
078531	396	With large covered wall base.....	25	20	.90
078532	414	With concealed rosette base.....	25	..	1.00
078533	415	With cleat rosette base.....	25	..	1.00
078534	416	With 2-wire molding rosette base.....	25	..	1.00
078535	417	With 3-wire molding rosette base.....	25	..	1.00
078536	418	With combination rosette base.....	25	..	1.00

TYPE O PULL SWITCHES**With 1/8-inch Cap**

Trade No.	Mfrs. No.		AMPERES 125 Volts	250 Volts	Std. Pkg.	Wt., Lbs.	Price Each
078545	2515	Single-pole.....	10	5	30	..	\$1.20

With 3/8-inch Cap

Trade No.	Mfrs. No.		AMPERES 125 Volts	250 Volts	Std. Pkg.	Wt., Lbs.	Price Each
065509	2473	Single-pole.....	10	5	30	12	1.30
065510	2474	Three-point.....	10	5	10	4	1.30
065511	2475	Four-point.....	5	2	10	4	1.30
065512	2476	2-circuit electrolier.....	5	2	10	4	1.30
065513	2477	3-circuit electrolier.....	5	2	10	4	1.30
065514	2478	Double-pole.....	10	10	10	4	1.30
065515	2479	2-speed fan motor.....	10	5	10	4	1.30
065516	2480	3-speed fan motor.....	10	5	10	4	1.30

With Hickey Cap for Fixture Use

Trade No.	Mfrs. No.		AMPERES 125 Volts	250 Volts	Std. Pkg.	Wt., Lbs.	Price Each
078537	2507	Single-pole.....	10	5	30	12	1.30
078538	2508	Three-point.....	10	5	10	4	1.30
078539	2509	Four-point.....	5	2	10	4	1.30
078540	2510	2-circuit electrolier.....	5	2	10	4	1.30
078541	2511	3-circuit electrolier.....	5	2	10	4	1.30
078542	2512	Double-pole.....	10	10	10	4	1.30
078543	2513	2-speed fan motor.....	10	5	10	4	1.30
078544	2514	3-speed fan motor.....	10	5	10	4	1.30

Each switch supplied with 6 feet of best quality linen cord. Extra cord, one cent list per foot. Finishes are the same as pendent switches.

PERKINS PULL SWITCHES

Trade No.	Mfrs. No.		AMPERES 125 Volts	250 Volts	Std. Pkg.	Wt., Lbs.	Price Each
065497	2387	Single-pole, solid.....	10	5	30	20	1.00
065498	2309	Single-pole, slotted.....	10	5	30	20	1.00
065499	2388	Three-point, solid.....	10	5	10	8	1.18
065500	2310	Three-point, slotted.....	10	5	10	8	1.18
065501	2389	Four-point, solid.....	5	2	5	8	1.18
065502	2311	Four-point, slotted.....	5	2	5	8	1.18
065503	2390	2-circuit electrolier, solid..	5	2	5	4	1.18
065504	2312	2-circuit electrolier, slotted	5	2	5	4	1.18
065505	2395	3-circuit electrolier, solid..	5	2	5	4	1.18
065506	2313	3-circuit electrolier, slotted	5	2	5	4	1.18
065507	2396	Double-pole, solid.....	10	10	10	8	1.18
065508	2314	Double-pole, slotted.....	10	10	10	8	1.18

Holes for supporting screws are spaced 1 3/8 inches on centers.

Each switch supplied with 6 feet of best quality linen cord. Extra cord, one cent list per foot.



No. 373



No. 406



No. 395



No. 2507



No. 2387

G-E SWITCHES



No. 108563



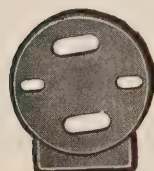
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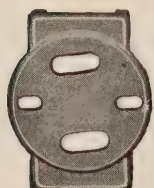
No. 28841



No. 100248



No. 108206



No. 108207



No. 108208

PENDENT SWITCHES

		Double Side Push Buttons		Std.	Price
Trade	Mfrs.			Pkg.	Each
No.	No.				
061678	108563	Single-pole 3 A., 250 V., 6 A., 125 V.....	100		\$0.50
061679	108564	Double-pole 5 A., 250 V., 10A., 125 V.....	100		.80

With Key

061680	28841	1 Amp., 250 volts	100		.35
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CEILING SWITCHES

Single-Pole 10 Amp., 125 Volts; 5 Amp. 250 Volts

061681	100248	Closed base	30		1.00
061682	111857	Slotted base	30		1.00

Double-Pole, 10 Amp. 250 Volts

061683	100250	Closed base	10		1.18
061684	111859	Slotted base	10		1.18

Three-Way, 10 Amp., 125 Volts; 5 Amp. 250 Volts

061685	100249	Closed base	10		1.18
061686	111858	Slotted base	10		1.18

SUB-BASES

052965	60938	Sub-base for switch or receptacle, not over 2¼-inch diameter.....	100		.05
052966	60939	Sub-base for switch or receptacle, not over 2⅞-inch diameter	100		.06
052967	107661	For use with 20 ampere snap switches	25		.15

For Use with National Metal Molding

052968	108206	For "end" of molding	100		.05
052969	108207	For "through run" of molding	100		.05
052970	108208	For "angle run" of molding	100		.05

P. & S. SWITCHES



No. 3000



No. 3001



No. 3002



No. 3010

PENDENT SWITCHES

These switches are provided with a double bushing, the inner one having a hole $\frac{3}{32}$ -inch in diameter, suitable for No. 16 approved lamp cord. This inner bushing can be removed when larger cord is to be used, leaving another bushing with $\frac{1}{32}$ -inch hole, suitable for No. 16 approved portable cord.

The shells automatically lock by a slight turn and have a recess in the bottom which protects the buttons from mechanical injury.

The standard finish is polished brass which will be supplied on all orders when no other finish is specified. For all other finishes add 10 cents to the list price.



No. 3201



No. 115



No. 3200



No. 3202

Trade No.	Mfrs. No.	One-Circuit	Std. Pkg.	Wt., Lbs.	Price Each
077851	3000	6 amp. 125 V.—3 amp. 250 V.	100	35	\$0.50
077852	3001	10 amp. 125 V.—5 amp. 250 V.	100	52	.80
Two-Circuit					
077853	3002	6 amp. 125 V.—3 amp. 250 V.	50	40	1.40

FEED-THRU SWITCHES

The cord passes "straight thru" the switch which permits its being suspended on the cord or placed on the table within easy reach of the operator.

077854	3010	6 amp. 125 V.—3 amp. 250 V.	50	34	1.00
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KEY ARM AND CANOPY SWITCHES

The stem of these switches is No. 6 gauge, 32 threads per inch. Keys are not ordinarily supplied as they are usually furnished by the fixture manufacturer in a design to harmonize with the fixtures. Where keys are desired the one shown and listed below will be furnished. The case of the key arm switch is threaded to receive standard $\frac{1}{8}$ -inch pipe at each end.

The standard finish is polished brass, which will be supplied on all orders where no finish is specified. For all other finishes add the same advance as on brass sockets.

077855	3201	Canopy switch.....	100	15	.70
077856	115	Canopy switch with 3-in. wires	100	..	.75
077857	3200	Key arm switch complete with case	100	22	1.00
077858	....	Brass case complete.....	100	..	.30
077859	....	Bottom case, only	100	..	.20
077860	....	Top case only.....	100	..	.10
077861	3202	Key for Nos. 3201, 115, 3200....	100	12	.15

COMBINATION SWITCH BASES

These switch bases are intended for use with wall sockets, receptacles and any standard make of snap switches 5 or 10-ampere capacity.

077862	16	For concealed or cleat work...	100	28	.06
077863	17	For concealed or mold'g work.	100	32	.06
077864	18	2 gang, for concealed work....	100	58	.17
077865	19	3 gang, for concealed work....	100	87	.27
077866	62	For concealed or cleat work....	100	48	.16

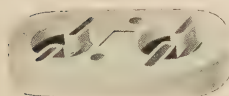
No. 62 switch base was designed for use with large base wall sockets and snap switches of 20 and 30-ampere capacity.



No. 16



No. 17



No. 18



No. 62

C-H PUSH BUTTON SPECIALTIES

NATIONAL ELECTRICAL CODE STANDARD



No. 7000



No. 7001



No. 7006



No. 7010



No. 7020



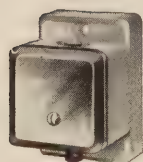
No. 7035

PENDENT SWITCHES

All Porcelain, Glazed in White, Ivory, Brown or Gray



No. 7102



No. 7103

Trade No.	Mfrs. No.	Style	CAPACITY AMPERES		Std. Pkg.	Price Each
			125 V.	250 V.		
020588	7000	Single pole	6	3	100	\$0.50
020589	7010	Single pole	10	5	100	.70

Brass Cap, Threaded for 1/8-inch Pipe

020590	7001	Single pole	6	3	100	.55
020591	7004	Three point	6	3	50	.70

Brass Cap, Threaded for 3/8-inch Pipe

020592	7002	Single pole	6	3	100	.60
020593	7005	Three point	6	3	50	.75

Brass Cap, Bushed for Pendant Cord

020594	7003	Single pole	6	3	100	.55
020595	7006	Three point	6	3	50	.70
020596	7020	Two circuit	6	3	50	1.00

Standard package may contain assortment of standard colors.

FEED—THROUGH SWITCHES

Black Composition

020602	7035	Single pole	6	3	50	.70
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For use with electric flat irons, toasters, soldering irons, vacuum cleaners and all portable electrical apparatus of 750 watts capacity or less.



No. 7180

PUSH BUTTON SURFACE SWITCHES, SINGLE POLE

020603	7102	With label holder	5	3	100	.35
020605	7103	Without label holder	5	3	100	.35

Furnished in white glaze only.

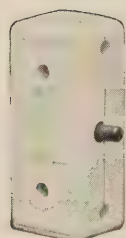
BASES FOR SURFACE SWITCHES

020607	7180	For open wiring	...	...	100	.05
020608	7181	For end of molding	100	.05

PUSH BUTTON CLEAT SWITCHES

020604	7130	Single pole	5	3	50	.38
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Standard package discount will be allowed on the following assortments.
 100 Nos. 7001, 7002 and 7003 in unbroken cartons containing 10 each.
 50 Nos. 7004, 7005 and 7006 in unbroken cartons containing 10 each.
 100 Nos. 7102 and 7103 in unbroken cartons containing 10 each.
 100 Nos. 7180 and 7181 in unbroken cartons containing 20 each.



No. 7130

C-H PUSH BUTTON SPECIALTIES

NATIONAL ELECTRICAL CODE STANDARD



No. 7150



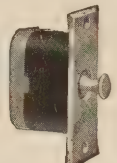
No. 7151



No. 7152



No. 7155



Nos. 7160, 7161

PUSH BUTTON CANDELABRA SWITCHES

Trade No.	Mfrs. No.	Style	CAPACITY AMPERES		Std. Pkg.	Price Each
			125 V.	250 V.		
058184	7150	Stem for 4-in. candle	1/2	..	100	\$0.90

Standard push bars are 1 5/8 inches long and standard stems are for 4-inch candles. Push bars 1 3/4 or 2 inches long, or stems for 3-inch or for 5-inch candles will be substituted without extra charge if specified.

PUSH AND PULL CANOPY SWITCHES

058185	7151	For sheet canopy	3	1	100	.75
058186	7152	For cast canopy	3	1	100	.80
058251	7155	For bottom shell	3	1	100	.80
060022	7156	Steel yoke to mount 7155 in bottom shell	..	..	50	.05

Handle threaded 1/4-inch x 27 to fit standard bottom knobs.

PUSH AND PULL BATTERY SWITCHES

Switches only, without Plates, 10 Amperes, 80 Volts

Trade No.	Mfrs. No.	Style	Std. Pkg.	Price Each
058187	7160	Single switch	100	\$0.65
058188	7172	Gang of 2 switches	50	1.30
058189	7173	Gang of 3 switches	30	1.95
058190	7174	Gang of 4 switches	25	2.60

FLUSH PLATES FOR BATTERY SWITCHES

Standard Finishes: Polished Nickel, Polished Brass, Brush Brass, and Gun Metal

058191	7161	For No. 7160 single switch	100	.15
058192	7162	For No. 7172 gang of two switches	50	.30
058193	7163	For No. 7173 gang of three switches	30	.45
058194	7164	For No. 7174 gang of four switches	25	.60

DOOR SWITCHES

With Plate and Approved Box for Armored Cable

058195	7240	Circuit closed when door is open	25	2.25
058196	7241	Circuit closed when door is closed	25	2.25

NOTE.—The box is 1 1/2-inch wide x 2 3/4 long and is arranged for use only with armored No. 14 two-wire cable. The plate is 4 3/8 inches x 1 1/4-inch and will fit no other box.

Without Box, but with Universal Plate

058197	7245	Circuit closed when door is open	25	2.00
058198	7246	Circuit closed when door is closed	25	2.00

NOTE.—The universal plate is 5 3/8 inches x 1 3/8-inch. With this plate and the yoke by which it is attached to the switch, any door switch box may be used, regardless of distance between screw holes.

RATING: 6 amperes, 125 volts, 3 amperes, 250 volts.

PUSH BUTTON SOCKETS

All Porcelain, Glazed in White, Ivory, Brown or Gray

058199	7400	250 volts, 660 watts	100	.35
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Standard package discount will be allowed on the following assortments: 100 Nos. 7151, 7152 and 7155 in unbroken cartons containing 20 each.

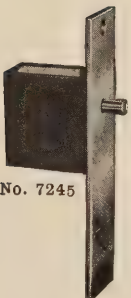
25 Nos. 7240, 7241, 7245 and 7246, in unbroken cartons containing 5 each.

Nos. 7160, 7172, 7173 and 7174 equivalent to 100 single switches in unbroken cartons containing the equivalent of 20 single switches.

Nos. 7161, 7162, 7163, and 7164 aggregating holes for 100 switches



No. 7240

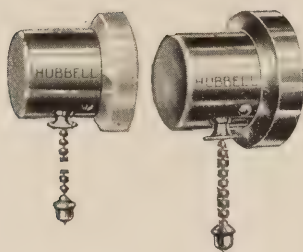


No. 7245



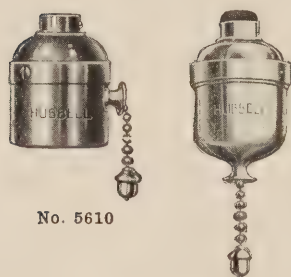
No. 7400

HUBBELL SWITCHES AND RECEPTACLES



No. 5027

No. 5689



No. 5610

No. 5702



No. 5795



No. 5705

WALL PULL SWITCHES

Trade No.	Mfrs. No.		AMPERES		Std. Pkg.	Wt. Lbs.	Price Each
			125 Volts	250 Volts			
084321	5027	Single-pole, porcelain base	3	1	50	16	\$0.60
084322	5689	Single-pole, brass cov- ered base	3	1	50	18	.65

FIXTURE PULL SWITCHES

Side Outlet							
084323	5610	Single-pole, 1/8-inch bushing.....	3	1	50	14	.60
084324	5631	Single-pole, 3/8-inch bushing.....	3	1	50	15	.60
Bottom Outlet							
084325	5702	Single-pole, 1/8-inch bushing.....	3	1	50	11	.60
084326	5703	Single-pole, 3/8-inch bushing.....	3	1	50	12	.66
084327	5704	Single-pole, pendent bushing.....	3	1	50	11	.60
084328	5795	Single-pole, porcelain base	3	1	50	18	.60
084329	5796	Single-pole, metal covered porcelain base	3	1	50	19	.65

Above switches are furnished with 8-inch chains; if longer chains are desired, add to list per foot, 10 cents.

INDICATING HEATER RECEPTACLES

20 Amperes, 250 Volts							
Trade No.	Mfrs. No.		Std. Wt., Lbs.		Price Each		
			10	18			
084330	5705	With supporting screws to fit Perkins, "Arrow E," Hart & Hegeman Switch- es, and all standard new code lamp receptacles...	10	18	\$4.25		
084331	5706	Supporting screws to fit Diamond "H" Switches and all standard new code lamp receptacles...	10	18	4.25		
084332	5772	Plate only, for No. 5705...	10	11	3.00		
084333	5773	Plate only, for No. 5706...	10	11	3.00		

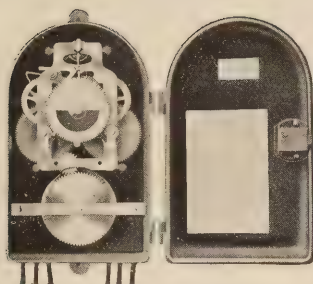
These receptacles have been designed for use where it is necessary to determine whether the current is on or off before inserting the cap. Will fit any standard four-gang switch box without partitions.

Price covers No. 5551 receptacle complete, with cap and a 4 1/2 x 8 3/8-inch plate.

HARTFORD AUTOMATIC TIME SWITCHES

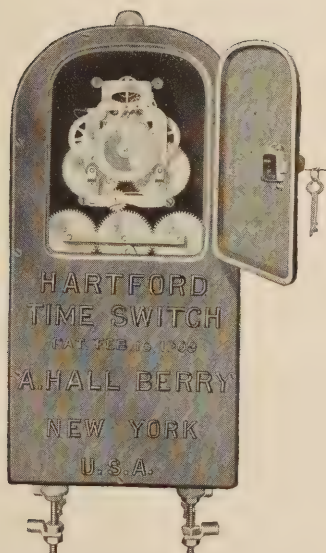
250 VOLTS

The Hartford Automatic Time Switch is a device by which electric current is automatically turned on and off at such predetermined time as the user desires, with no further attention than the weekly winding. It consists of a high grade Seth Thomas Marine Clock and a standard electric switch so arranged that each, in its operation, is independent of the other. This permits perfect regulation of the clock and insures accuracy of operation as the clock has no work to perform other than its proper function of keeping time. The mechanism is enclosed in a dust-proof and weatherproof janned cast iron case, locking with sub-treasury lock.



10 to 50 amperes
Single and Double-Pole,
10 to 35 amperes
Triple-Pole.

12 x 7½ x 3 inches.
Weatherproof Case with
Rubber Gasket



75 to 200 amperes
Single and Double-Pole
50 to 200 amperes
Triple-Pole
2,500 Volts, Oil Break
19½ x 9¾ x 7½ inches.

TYPE B

Cap. No.	Trade	Price
Amps. Poles	No.	Each
10 1	040371	\$24.00
10 2	040372	24.00
10 3	040373	25.00
20 1	040374	25.00
20 2	040375	25.00
20 3	040376	26.00
35 1	040377	26.00
35 2	040378	26.00
35 3	040379	27.00
50 1	040380	29.00
50 2	040381	29.00
50 3	040382	54.00
100 1	040383	57.00
100 2	040384	57.00
100 3	040385	60.00
200 1	040386	63.00
200 2	040387	63.00
200 3	040388	69.00

TYPE C

Trade	Price
No.	Each
040389	\$26.00
040390	26.00
040391	27.00
040392	27.00
040393	27.00
040394	28.00
040395	28.00
040396	28.00
040397	29.00
040398	31.00
040399	31.00
040400	56.00
040401	59.00
040402	59.00
040403	63.00
040404	66.00
040405	66.00
040406	72.00

TYPE D

Trade	Price
No.	Each
040407	\$26.00
040408	26.00
040409	27.00
040410	27.00
040411	27.00
040412	28.00
040413	28.00
040414	28.00
040415	29.00
040416	31.00
040417	31.00
040418	56.00
040419	59.00
040420	59.00
040421	63.00
040422	66.00
040423	66.00
040424	72.00

TYPE E

Trade	Cap. No. of	Price
No.	Amps. Poles	Each
040355	10 1	\$25.00
040356	10 2	25.00
040357	20 1	26.00
040358	20 2	26.00
040359	35 1	27.00
040360	35 2	27.00

TYPE G

040361	10 1	27.00
040362	10 2	27.00

2500 VOLTS, OIL BREAK

Trade	Cap. No. of	Price
No.	Amps. Poles	Each
040363	25 1 or 2	\$75.00

Type B throws the switch on and off daily seven days per week at the hours for which it is set. It is provided with a cut-out by which the clock can be disconnected, allowing the clock to operate without throwing the switch. It also has a hand trip by which the switch can be operated without disturbing the clock.

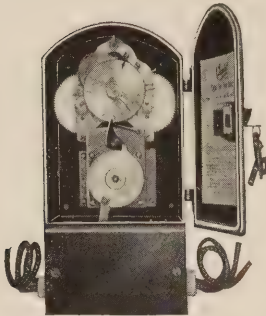
Type C has a device by which the clock and switch are automatically disconnected one day in each week. While designed to omit the switch operation on Sunday, it can be set to disconnect on any day desired. It is also provided with hand trip for operating the switch.

Type D is similar to Type B but is arranged to throw the switch on and off for two periods each day. This switch was designed especially to attract the attention of theatre patrons before and after the performance and save current in the interior.

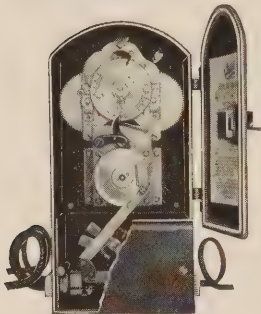
Type E is designed for use in connection with two-rate meter service automatically cutting from one meter to another at time desired.

Type G is designed to control apartment house hall lighting. It is so arranged that it will throw on the full number of lights in early evening and later throws these off, at the same time throwing on a series of a few night lights, throwing the second series off at dawn.

CAMPBELL TIME SWITCHES



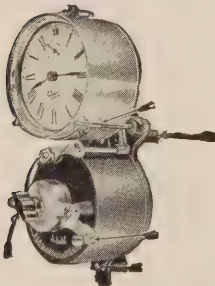
Types C and F



Types J and K



Type E



Type A

TYPE C
Eight-Day, Two or Four Operations Daily

Trade No.	Cap. Amps.	Voltage	No. Poles	Price Each
019636	25	250	2	\$30.00
019637	50	250	2	32.00
019638	75	250	2	35.00
019639	100	250	2	45.00
019640	150	250	2	50.00
019641	200	250	2	55.00
019642	250	250	2	60.00
019643	25	250	3	32.00
019644	50	250	3	35.00
019645	75	250	3	40.00
019646	100	250	3	50.00

Dimensions over all: Height, $13\frac{1}{2}$ inches; width, $6\frac{1}{2}$ inches; depth, $5\frac{1}{4}$ inches.

The above prices are for two operations daily.

TYPE F
Eight-Day, Double-Throw

019647	25	250	1	30.00
019648	50	250	1	32.00
019649	25	250	2	32.00
019650	50	250	2	35.00

Dimensions over all: Height, $13\frac{1}{2}$ inches; width, $6\frac{1}{2}$ inches; depth, $5\frac{1}{4}$ inches.

Constructed for use on two-rate meter service, changing from day rate meter to night rate meter.

TYPE J
Eight-Day, Two-Circuit

Type J switch is designed to control two different circuits, throwing both circuits on at a certain hour, one circuit off at a later hour, and the second at a still later time.

019651	25	250	1	32.00
019652	50	250	1	34.00

TYPE K
Eight-Day, Three-Circuit

Type K is similar to Type J, operating three circuits instead of two.

019653	25	250	1	35.00
019654	50	250	1	37.00

Dimensions over all: Height, $13\frac{1}{2}$ inches; width, $6\frac{1}{2}$ inches; depth, $5\frac{1}{4}$ inches.

TYPE E OIL BREAK
Eight-Day

Is made to control series street lighting circuits, and will break circuits of any potential up to and including 4500 volts.

The switch is mounted on a maple base, and so supported that the cast iron box, which contains the oil, can be removed without interfering with the switch.

019655	25	2500	1	35.00
019656	25	4500	1	45.00

Dimensions over all: Height, $16\frac{1}{2}$ inches; width, 8 inches; depth, 7 inches.

TYPE A
One-Day, One Winding

Campbell Type A Time Switch may be installed anywhere that the snap switch may be used. The snap switch can be manually operated by the button, independent of the time switch mechanism. The clock can be removed to be wound and set. Each switch is finished in nickel and black enamel and is approved by the Underwriters.

019657	1-10	250	2	7.00
019658	2-20	250	2	8.00
019659	3-35	250	2	9.00
019660	4-10	250	3	9.00
019661	5-20	250	3	10.00
019662	6-35	250	3	11.00

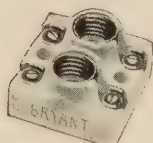
Dimensions: Height, 10 in.; width, 6 in.; depth, $4\frac{1}{4}$ in.

EDISON PLUG CUT-OUTS AND FUSES

NATIONAL CODE STANDARD—250 VOLTS



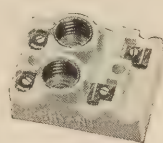
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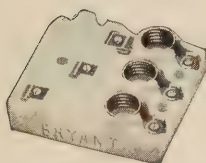
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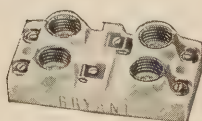
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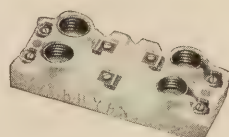
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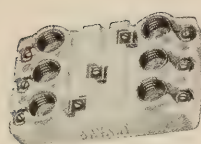


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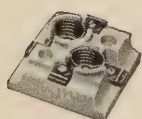
No. 62199

PLUG CUT-OUTS



No. 62135

Trade No.	Mfrs. No.		Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
043001	62569	Single-pole main.	150	70	\$0.18
043002	62965	Double-pole main.	150	105	.30
043003	62165	Triple-pole main.	100	102	.44
043004	61935	Double-pole, single branch.	100	95	.32
043005	8042	Triple-pole, single branch.	75	195	.54
043006	62587	Double-pole, double branch.	100	170	.62
043007	62199	Three to two-wire, double branch.	100	180	.64
043008	62135	Triple-pole, double branch.	50	152	.90
043009	8020	Double-pole, single or double cross-over branch.	150	174	.36



No. 8020

FUSE CASES

043010	1945	Fuse case only.	100	17	.18
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Uses standard enclosed fuses, 250 volts, 0-30 amperes.

PLUG FUSES

Mica Cap



No. 1945

Trade No.	Mfrs. No.	Size Amps.	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
043011	66327	3	500	45	\$0.07
043012	66329	6	500	45	.07
043013	66331	10	500	45	.07
043014	66333	12	500	45	.07
043015	66335	15	500	45	.07
043016	66337	20	500	45	.07
043017	66339	25	500	45	.07
043018	66341	30	500	45	.07



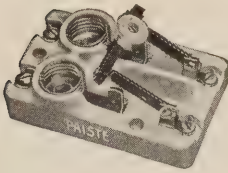
No. 66327

The above plug fuses have fuse metal strips instead of wire.

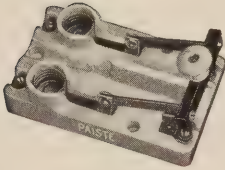
The above fuses can be furnished with solid brass caps on special order at one cent each in addition to above prices.

ENTRANCE SWITCHES AND PANEL CUT-OUTS

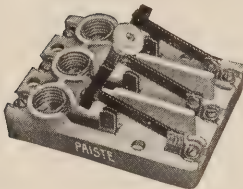
NATIONAL ELECTRICAL CODE STANDARD.



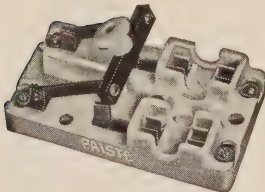
No. P4014.



No. P4024.



No. P4021.



No. P4030.



No. P5191.



No. P5192.

FUSES ON JAW END.

For Plug Fuses.

Trade No.	Cap. Amps.	Vol- tage.	No. Poles.	Size Ins.	Std. Pkg.	Price Each.	Code Word.
P4014	25	125	2	2 1/2 x 3 1/4 x 5 1/8	100	\$0.90	Uomle
P4020	30	250	2	2 1/2 x 4 x 6 1/2	100	1.00	Uucde
P4022	30	250	2	2 1/2 x 4 x 6 1/2	50	1.10	Uwame
P4021	30	250	3	2 1/2 x 5 x 6 1/2	50	1.40	Uacmo
P4023	30	250	3	2 1/2 x 5 x 6 1/2	25	1.55	Uyfme

For Cartridge Fuses.

P4030	30	250	2	2 1/2 x 4 x 7 1/2	25	1.15	Uogme
P5150	60	250	2	3 1/8 x 5 1/8 x 10	10	1.95	Uuhme
P4031	30	250	3	2 1/2 x 5 1/4 x 7 1/2	25	1.75	Uejme
P5152	60	250	3	3 1/8 x 5 1/4 x 10 1/2	5	2.80	Uifne

Nos. 4022 and 4023 are furnished with heavy terminals at fuse ends for No. 4 B. & S. wire.

FUSES ON HINGE END.

For Plug Fuses.

P4016	25	125	2	2 1/2 x 3 1/4 x 5 1/8	100	.90	Uugne
P4024	30	250	2	2 1/2 x 5 1/8 x 10	100	1.00	Uahne
P4028	30	250	2	2 1/2 x 4 x 6 1/2	50	1.10	Uokne
P4025	30	250	3	2 1/2 x 5 x 6 1/2	50	1.40	Uelne
P4029	30	250	3	2 1/2 x 5 x 6 1/2	25	1.55	Uypne

For Cartridge Fuses.

P4032	30	250	2	2 1/2 x 4 x 7 1/2	25	1.15	Uoape
P5151	60	250	2	3 1/8 x 5 1/8 x 10	10	1.95	Uukpe
P4033	30	250	3	2 1/2 x 5 1/4 x 7 1/2	25	1.75	Uaspe
P5153	60	250	3	3 1/8 x 5 1/8 x 10	5	2.80	Uiupe

Nos. 4028 and 4029 are furnished with heavy terminals and fuse ends for No. 4 B. & S. wire.

PANEL CUT-OUTS, FOR ROTARY SWITCHES.

2-Wire System.

Trade No.	Branches.	Size Inches.	Std. Pkg.	Price Each.	Code Word.
P5190	Single 2-Wire	3 1/8 x 3 x 6 5/8	50	\$0.70	Uiale
P5192	Double 2-Wire	3 1/2 x 3 x 11 1/8	25	1.30	Uable

3-Wire System.

P5191	Single 2-Wire	3 1/8 x 3 x 7 7/8	50	.80	Uujle
P5193	Double 2-Wire	3 1/2 x 3 x 12 3/8	25	1.40	Uykle

Panel cut outs for rotary switches have all the advantages for easy panel-board building possessed by those of the knife-switch type, besides several other features that make them more elastic in their use.

They can be wired in either a horizontal or vertical position, so that one stock is all that is necessary for both ways of feeding in your mains to the distribution board.

On the snap switch end you can use any 10-ampere indicating switch. They all fit, so that you have the choice of your favorite switch and such, too, that you regularly carry in stock.

The contacts enable the use of all approved switches. The inside contacts are made by connecting the switch to the two upright wires shown. The outside contacts are wired to the ends of the branch circuits.

Should a switch break down, it can be easily and quickly removed and another put in its place without disturbing the line connections.

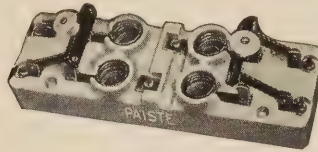
All above illustrations are one-sixth actual size.

PANEL CUT-OUTS

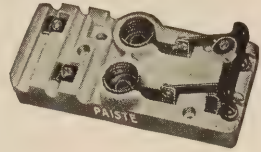
NATIONAL ELECTRICAL CODE STANDARD.



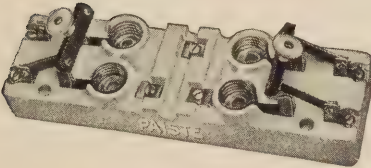
No. P4012.



No. P4015



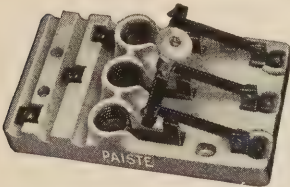
No. 4027.



No. P4013.



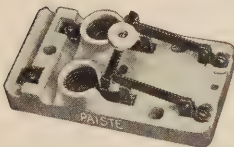
No. P4019.



No. P4103.



No. P4104.



No. P4101.



No. P4105.

TWO-WIRE SYSTEM — 125 VOLTS.

Mains Vertical, Branches Horizontal.

Trade No.	Cap. Amps.	Branches.	Size Inches.	Std. Pkg.	Price Each.	Code Word.
P4012	15	Single	$2\frac{1}{2} \times 3\frac{3}{8} \times 6\frac{1}{4}$	100	\$1.00	Uojte

Mains Horizontal, Branches Vertical.

P4017	15	Single	$2\frac{1}{2} \times 3\frac{3}{8} \times 6\frac{1}{4}$	100	1.00	Uakte
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Mains Vertical, Branches Horizontal.

P4015	15	Double	$3 \times 3\frac{3}{8} \times 10\frac{3}{8}$	50	2.00	Uylte
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Mains Horizontal, Branches Vertical.

P4018	15	Double	$3 \times 3\frac{3}{8} \times 10\frac{3}{8}$	50	2.00	Uumte
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THREE-WIRE SYSTEM — 125 VOLTS.

Mains Vertical, Branches Horizontal.

P4026	15	Single	$2\frac{3}{8} \times 3\frac{3}{8} \times 7\frac{1}{4}$	50	1.10	Uente
Two wire branches.						

Mains Horizontal, Branches Vertical.

P4027	15	Single	$2\frac{3}{8} \times 3\frac{3}{8} \times 7\frac{1}{4}$	50	1.10	Uique
Two wire branches.						

Mains Vertical, Branches Horizontal.

P4013	15	Double	$3 \times 3\frac{3}{8} \times 11\frac{1}{2}$	50	2.10	Uarue
Two wire branches.						

Mains Horizontal, Branches Vertical.

P4019	15	Double	$3 \times 3\frac{3}{8} \times 11\frac{1}{2}$	50	2.10	Ututue
Two wire branches.						

Mains Vertical, Branches Horizontal.

P4103	25	Single	$2\frac{5}{8} \times 5\frac{1}{8} \times 8\frac{7}{8}$	25	2.00	Uolve
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Mains Horizontal, Branches Vertical.

P4104	25	Single	$2\frac{5}{8} \times 5\frac{1}{8} \times 8\frac{7}{8}$	25	2.00	Uipve
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TWO-WIRE SYSTEM — 250 VOLTS.

Mains Vertical, Branches Horizontal.

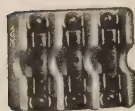
P4101	25	Single	$2\frac{1}{4} \times 3\frac{3}{4} \times 7$	50	1.10	Uesve
P4105	25	Double	$2\frac{7}{8} \times 3\frac{3}{4} \times 11\frac{3}{8}$	25	2.20	Uetwe

Mains Horizontal, Branches Vertical.

P4102	25	Single	$2\frac{1}{4} \times 3\frac{3}{4} \times 7$	50	1.10	Uauwe
P4106	25	Double	$2\frac{7}{8} \times 3\frac{3}{4} \times 11\frac{3}{8}$	25	2.20	Uivwe

All illustrations on this page one-sixth actual size.

G-E ENCLOSED FUSE BLOCKS



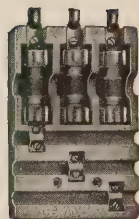
No. 34372



No. 34378



No. 34376



No. 34379



No. 34964



No. 36471

NATIONAL ELECTRICAL CODE STANDARD

250 VOLTS

30 Amperes

Trade No.	Mfrs. No.	Description	Std. Pkg.	Price Each	Code Word
029358	36802	Single-pole, main line	50	\$0.40	Shke
029359	34367	Two-wire, main line	50	.55	Shlo
029360	34368	Two-wire, single branch	50	.75	Shme
029361	34369	Two-wire, double branch	25	1.30	Shmo
029362	34371	Two-wire, crossover	50	.65	Shne
029363	34370	Three to two-wire, double branch	25	1.50	Shns
029364	34372	Three-wire, main line	50	.80	Shob
029365	34373	Three-wire, single branch	50	1.35	Shok
029366	34374	Three-wire, double branch	25	2.25	Shon

60 Amperes

029367	36803	Single-pole, main line	50	.65	Shot
029368	34376	Two-wire, main line	50	1.40	Shta
029369	34377	Three-wire, main line	50	2.00	Shuc
029370	34378	Two-wire, single branch	50	1.75	Shum
029371	34379	Three-wire, single branch	50	3.00	Shup
029372	36806	Two-wire, double branch	25	3.50	Shyk
029373	36805	Three to two-wire, double branch	25	4.20	Shyl
029374	36804	Three-wire, double branch	10	6.00	Shym

100 Amperes

029375	34964	Single-pole, main line	50	1.40	Shyp
029376	36801	Double-pole, main line	50	2.80	Siad
029377	36800	Triple-pole, main line	25	4.00	Siak

200 Amperes

029378	34971	Single-pole, main line	25	2.75	Siba
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400 Amperes

029379	34982	Single-pole, main line	25	7.00	Sibs
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600 Amperes

029380	36471	Single-pole, main line	10	11.00	Sibu
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600 VOLTS

30 Amperes

029381	34991	Single-pole, main line	50	.60	Sica
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60 Amperes

029382	35101	Single-pole, main line	50	.90	Sido
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100 Amperes

029383	21474	Single-pole, main line	50	1.75	Sids
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200 Amperes

029384	35114	Single-pole, main line	50	3.00	Sifa
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400 Amperes

029385	35125	Single-pole, main line	25	8.00	Sifo
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600 Amperes

029386	36479	Single-pole, main line	10	12.00	Sift
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G-E ENCLOSED FUSES

NATIONAL ELECTRICAL CODE STANDARD



Ferrule Contact Clip



Single Switch Blade Contact

FERRULE CONTACT CLIP STYLE

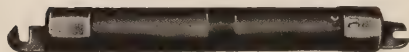
250 Volts							600 Volts						
Trade No.	Cap. Amp.	Diam. Ferrule Ins.	Lgth. Ins.	Std. Pkg.	Price Each	Code Word	Trade No.	Cap. Amp.	Diam. Ferrule Ins.	Lgth. Ins.	Std. Pkg.	Price Each	Code Word
59950	1	$\frac{9}{16}$	2	100	\$0.25	Sign	42638	1	$\frac{13}{16}$	5	100	\$0.40	Siur
59951	2	$\frac{9}{16}$	2	100	.25	Sike	42639	2	$\frac{13}{16}$	5	100	.40	Sixi
34949	3	$\frac{9}{16}$	2	100	.25	Siko	34992	3	$\frac{13}{16}$	5	100	.40	Sjal
59379	4	$\frac{9}{16}$	2	100	.25	Siks	59383	4	$\frac{13}{16}$	5	100	.40	Sjam
34950	5	$\frac{9}{16}$	2	100	.25	Silf	34993	5	$\frac{13}{16}$	5	100	.40	Sjas
59380	6	$\frac{9}{16}$	2	100	.25	Silk	59384	6	$\frac{13}{16}$	5	100	.40	Sjax
59381	7	$\frac{9}{16}$	2	100	.25	Silt	59385	7	$\frac{13}{16}$	5	100	.40	Sjbi
34951	8	$\frac{9}{16}$	2	100	.25	Simo	34994	8	$\frac{13}{16}$	5	100	.40	Sjcu
59382	9	$\frac{9}{16}$	2	100	.25	Sink	59386	9	$\frac{13}{16}$	5	100	.40	Sjea
34952	10	$\frac{9}{16}$	2	100	.25	Sint	34995	10	$\frac{13}{16}$	5	100	.40	Sjex
34953	12	$\frac{9}{16}$	2	100	.25	Sinu	34996	12	$\frac{13}{16}$	5	100	.40	Sjhu
34954	15	$\frac{9}{16}$	2	100	.25	Siom	39997	15	$\frac{13}{16}$	5	100	.40	Sjik
34955	20	$\frac{9}{16}$	2	100	.25	Sion	34998	20	$\frac{13}{16}$	5	100	.40	Sjil
34956	25	$\frac{9}{16}$	2	100	.25	Sipu	34999	25	$\frac{13}{16}$	5	100	.40	Sjim
34957	30	$\frac{9}{16}$	2	100	.25	Sirg	35100	30	$\frac{13}{16}$	5	100	.40	Sjin
34958	35	$\frac{13}{16}$	3	100	.35	Sirt	35102	35	$\frac{11}{16}$	$5\frac{1}{2}$	100	.60	Sjku
34959	40	$\frac{13}{16}$	3	100	.35	Sisp	35103	40	$\frac{11}{16}$	$5\frac{1}{2}$	100	.60	Sjla
34960	45	$\frac{13}{16}$	3	100	.35	Sita	35104	45	$\frac{11}{16}$	$5\frac{1}{2}$	100	.60	Sjle
34961	50	$\frac{13}{16}$	3	100	.35	Sith	35105	50	$\frac{11}{16}$	$5\frac{1}{2}$	100	.60	Sjme
34962	55	$\frac{13}{16}$	3	100	.35	Siub	35106	55	$\frac{11}{16}$	$5\frac{1}{2}$	100	.60	Sjmo
34963	60	$\frac{13}{16}$	3	100	.35	Siul	35107	60	$\frac{11}{16}$	$5\frac{1}{2}$	100	.60	Sjno

SINGLE SWITCH BLADE CONTACTS

250 Volts							600 Volts						
Trade No.	Cap. Amp.	Diam. Ins.	Lgth. Ins.	Std. Pkg.	Refilling		Trade No.	Cap. Amp.	Diam. Ins.	Lgth. Ins.	Std. Pkg.	Refilling	
					Price Each	Code Word						Price Each	Code Word
34965	65	1	$5\frac{7}{8}$	50	\$0.90	.60 Sjof	35108	65	$1\frac{1}{4}$	$7\frac{7}{8}$	50	\$1.50	.80 Skim
34966	70	1	$5\frac{7}{8}$	50	.90	.60 Sjoh	35109	70	$1\frac{1}{4}$	$7\frac{7}{8}$	50	1.50	.80 Skin
34967	75	1	$5\frac{7}{8}$	50	.90	.60 Sjok	35110	75	$1\frac{1}{4}$	$7\frac{7}{8}$	50	1.50	.80 Skip
34968	80	1	$5\frac{7}{8}$	50	.90	.60 Sjow	35111	80	$1\frac{1}{4}$	$7\frac{7}{8}$	50	1.50	.80 Skjo
34969	90	1	$5\frac{7}{8}$	50	.90	.60 Sjpo	35112	90	$1\frac{1}{4}$	$7\frac{7}{8}$	50	1.50	.80 Skju
34970	100	1	$5\frac{7}{8}$	50	.90	.60 Sjra	35113	100	$1\frac{1}{4}$	$7\frac{7}{8}$	50	1.50	.80 Skka
34972	110	$1\frac{1}{2}$	$7\frac{3}{16}$	25	2.00	.90 Sjte	35115	110	$1\frac{3}{4}$	$9\frac{1}{16}$	25	2.50	1.20 Skle
34973	120	$1\frac{1}{2}$	$7\frac{3}{16}$	25	2.00	.90 Sjtu	35116	120	$1\frac{3}{4}$	$9\frac{1}{16}$	25	2.50	1.20 Skma
34974	130	$1\frac{1}{2}$	$7\frac{3}{16}$	25	2.00	.90 Sjuc	35117	130	$1\frac{3}{4}$	$9\frac{1}{16}$	25	2.50	1.20 Skne
34975	140	$1\frac{1}{2}$	$7\frac{3}{16}$	25	2.00	.90 Sjyf	35118	140	$1\frac{3}{4}$	$9\frac{1}{16}$	25	2.50	1.20 Skog
34976	150	$1\frac{1}{2}$	$7\frac{3}{16}$	25	2.00	.90 Sjyk	35119	150	$1\frac{3}{4}$	$9\frac{1}{16}$	25	2.50	1.20 Skoj
34977	160	$1\frac{1}{2}$	$7\frac{3}{16}$	25	2.00	.90 Sjym	35120	160	$1\frac{3}{4}$	$9\frac{1}{16}$	25	2.50	1.20 Skol
34978	170	$1\frac{1}{2}$	$7\frac{3}{16}$	25	2.00	.90 Sjyv	35121	170	$1\frac{3}{4}$	$9\frac{1}{16}$	25	2.50	1.20 Skos
34979	180	$1\frac{1}{2}$	$7\frac{3}{16}$	25	2.00	.90 Skac	35122	180	$1\frac{3}{4}$	$9\frac{1}{16}$	25	2.50	1.20 Skov
34980	190	$1\frac{1}{2}$	$7\frac{3}{16}$	25	2.00	.90 Skaf	35123	190	$1\frac{3}{4}$	$9\frac{1}{16}$	25	2.50	1.20 Skpe
34981	200	$1\frac{1}{2}$	$7\frac{3}{16}$	25	2.00	.90 Skal	35124	200	$1\frac{3}{4}$	$9\frac{1}{16}$	25	2.50	1.20 Skpu
34983	225	2	$8\frac{3}{4}$	25	3.60	1.50 Skam	35126	225	$2\frac{1}{2}$	$11\frac{3}{4}$	25	5.50	2.00 Skro
34984	250	2	$8\frac{3}{4}$	25	3.60	1.50 Skar	35127	250	$2\frac{1}{2}$	$11\frac{3}{4}$	25	5.50	2.00 Sksu
34985	275	2	$8\frac{3}{4}$	25	3.60	1.50 Skaw	35128	275	$2\frac{1}{2}$	$11\frac{3}{4}$	25	5.50	2.00 Skte
34986	300	2	$8\frac{3}{4}$	25	3.60	1.50 Skba	35129	300	$2\frac{1}{2}$	$11\frac{3}{4}$	25	5.50	2.00 Skum
34987	325	2	$8\frac{3}{4}$	25	3.60	1.50 Skbi	35130	325	$2\frac{1}{2}$	$11\frac{3}{4}$	25	5.50	2.00 Skun
34988	350	2	$8\frac{3}{4}$	25	3.60	1.50 Skbo	35131	350	$2\frac{1}{2}$	$11\frac{3}{4}$	25	5.50	2.00 Skva
34989	375	2	$8\frac{3}{4}$	25	3.60	1.50 Skdo	35132	375	$2\frac{1}{2}$	$11\frac{3}{4}$	25	5.50	2.00 Skwa
34990	400	2	$8\frac{3}{4}$	25	3.60	1.50 Skeb	35133	400	$2\frac{1}{2}$	$11\frac{3}{4}$	25	5.50	2.00 Skyb
36472	425	$2\frac{1}{2}$	$10\frac{1}{2}$	10	5.50	2.00 Sken	36480	425	3	$13\frac{1}{2}$	10	8.00	3.00 Skyf
36473	450	$2\frac{1}{2}$	$10\frac{1}{2}$	10	5.50	2.00 Skes	36481	450	3	$13\frac{1}{2}$	10	8.00	3.00 Skyp
36474	475	$2\frac{1}{2}$	$10\frac{1}{2}$	10	5.50	2.00 Skfo	36482	475	3	$13\frac{1}{2}$	10	8.00	3.00 Skys
36475	500	$2\frac{1}{2}$	$10\frac{1}{2}$	10	5.50	2.00 Skfu	36483	500	3	$13\frac{1}{2}$	10	8.00	3.00 Slab
36476	525	$2\frac{1}{2}$	$10\frac{1}{2}$	10	5.50	2.00 Skga	36484	525	3	$13\frac{1}{2}$	10	8.00	3.00 Slah
37754	550	$2\frac{1}{2}$	$10\frac{1}{2}$	10	5.50	2.00 Skib	37755	550	3	$13\frac{1}{2}$	10	8.00	3.00 Slaj
36477	575	$2\frac{1}{2}$	$10\frac{1}{2}$	10	5.50	2.00 Skid	36485	575	3	$13\frac{1}{2}$	10	8.00	3.00 Slan
36478	600	$2\frac{1}{2}$	$10\frac{1}{2}$	10	5.50	2.00 Skil	36486	600	3	$13\frac{1}{2}$	10	8.00	3.00 Slap

SHAWMUT ENCLOSED FUSES

2500 VOLTS



Type A

Type P

TYPE A

Trade No.	Mfrs. No.	Cap. Amp.	Distance Ins. on Centers	Std. Pkg.	Price Each	Code Word
042280	2214	3	7 $\frac{1}{4}$	100	\$0.50	Ahsug
042281	2215	5	7 $\frac{1}{4}$	100	.50	Ahsuv
042282	2216	6	7 $\frac{1}{4}$	100	.50	Ahsva
042283	2217	8	7 $\frac{1}{4}$	100	.50	Ahsve
042284	2218	10	7 $\frac{1}{4}$	100	.50	Ahsyd
042285	2219	12	7 $\frac{1}{4}$	100	.50	Ahsyt
042286	2220	15	7 $\frac{1}{4}$	100	.50	Ahsyv
042287	2221	20	7 $\frac{1}{4}$	100	.85	Ahsyx
042288	2222	25	7 $\frac{1}{4}$	100	.85	Ahtah
042289	2223	30	7 $\frac{1}{4}$	100	.85	Ahtaj
042290	2224	35	8 $\frac{1}{4}$	100	1.20	Ahtas
042291	2225	40	8 $\frac{1}{4}$	100	1.20	Ahtat
042292	2226	45	8 $\frac{1}{4}$	100	1.20	Ahtav
042293	2227	50	8 $\frac{1}{4}$	100	1.20	Ahtax
042294	2228	55	8 $\frac{1}{4}$	100	1.20	Ahtca
042295	2229	60	8 $\frac{1}{4}$	100	1.20	Ahtel
042296	2230	65	9 $\frac{1}{4}$	50	2.40	Ahteo
042297	2231	70	9 $\frac{1}{4}$	50	2.40	Ahtet
042298	2232	75	9 $\frac{1}{4}$	50	2.40	Ahtev
042299	2233	80	9 $\frac{1}{4}$	50	2.40	Ahtex
042300	2234	90	9 $\frac{1}{4}$	50	2.40	Ahtgi
042301	2235	100	9 $\frac{1}{4}$	50	2.40	Ahtgu

TYPE P

Trade No.	Mfrs. No.	Cap. Amp.	Length Over All	Diam. Ins. of Ferrule	Std. Pkg.	Price Each	Code Word
042302	2236	3	6 $\frac{1}{4}$	.685	100	\$0.46	Ahtha
042303	2237	5	6 $\frac{1}{4}$	.685	100	.46	Ahths
042304	2238	6	6 $\frac{1}{4}$	.685	100	.46	Ahtib
042305	2239	8	6 $\frac{1}{4}$	.685	100	.46	Ahtif
042306	2240	10	6 $\frac{1}{4}$	.685	100	.46	Ahtje
042307	2241	12	6 $\frac{1}{4}$	.685	100	.46	Ahtju
042308	2242	15	6 $\frac{1}{4}$	.685	100	.46	Ahtki
042309	2243	20	6 $\frac{1}{4}$	.685	100	.60	Ahtko
042310	2244	25	6 $\frac{1}{4}$	.685	100	.60	Ahtla
042311	2245	30	6 $\frac{1}{4}$	.685	100	.60	Ahtna
042311	2246	35	7 $\frac{1}{4}$	.935	100	.75	Ahtod
042313	2247	40	7 $\frac{1}{4}$	.935	100	.75	Ahtok
042314	2248	45	7 $\frac{1}{4}$	.935	100	.75	Ahtol
042315	2249	50	7 $\frac{1}{4}$	.935	100	.75	Ahtop
042316	2250	55	7 $\frac{1}{4}$	.935	100	.75	Ahtor
042317	2251	60	7 $\frac{1}{4}$	.935	100	.75	Ahtov

SINGLE POLE SLATE BASES

Type A

Trade No.	Mfrs. No.	Max. Cap. Amp.	Distance Ins. on Centers	Std. Pkg.	Price Each	Code Word
042318	2321	30	7 $\frac{1}{4}$	50	\$0.92	Ahtpi
042319	2322	60	8 $\frac{1}{4}$	50	1.20	Ahtto
042320	2323	100	9 $\frac{1}{4}$	50	1.75	Ahtue

Type P

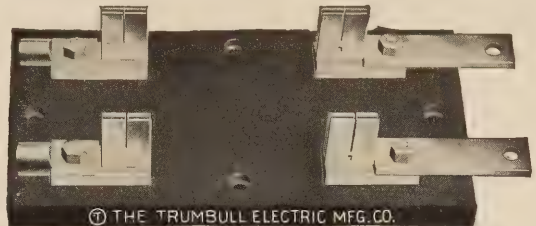
Trade No.	Mfrs. No.	Max. Cap. Amp.	Length Fuse Over All	Std. Pkg.	Price Each	Code Word
042321	2324	30	6 $\frac{1}{4}$	50	\$0.94	Ahtuh
042322	2325	60	7 $\frac{1}{4}$	50	1.40	Ahtuv

TRUMBULL FUSE BLOCKS

NATIONAL CODE STANDARD



3-60-Amp. Fuse Blocks



61-100-Amp. Type for Rear Fused Switches

FUSE BLOCKS

BLOCK CONTACTS ABOVE 100 AMP., PLAIN FINISH, OILED SLATE BASE

250 Volts D. C. or A. C.

Single-Pole				Double-Pole				Three-Pole				Four-Pole			
Cap. Amp.	Trade No.	Mfrs. No.	Price Each	Trade No.	Mfrs. No.	Price Each	Trade No.	Mfrs. No.	Price Each	Trade No.	Mfrs. No.	Price Each	Trade No.	Mfrs. No.	Price Each
3-30	082469	8000	\$0.30	082501	8010	\$0.60	082533	8019	\$0.90	082565	8030	\$1.20			
31-60	082470	8001	.56	082502	8011	1.12	082534	8021	1.68	082566	8031	2.24			
61-100	082471	8002	.90	082503	8012	1.80	082535	8022	2.70	082567	8032	3.60			
101-200	082472	8003	2.10	082504	8013	4.20	082536	8023	6.30	082568	8033	8.40			
201-400	082473	8004	5.25	082505	8014	10.25	082537	8024	15.50	082569	8034	20.50			
401-600	082474	8005	7.20	082506	8015	13.75	082538	8025	21.00	082570	8035	27.50			
601-800	082475	8006	11.40	082507	8016	21.80	082539	8026	33.00	082571	8036	43.60			
801-1200	082476	8007	14.70	082508	8017	28.40	082540	8027	42.50	082572	8037	56.80			

440 Volts A. C. and 600 Volts D. C.

3-30	082477	8050	.46	082509	8060	.92	082541	8070	1.42	082573	8080	1.84			
31-60	082478	8051	.68	082510	8061	1.36	082542	8071	2.12	082574	8081	2.72			
61-100	082479	8052	1.32	082511	8062	2.64	082543	8072	4.00	082575	8082	5.28			
101-200	082480	8053	2.30	082512	8063	4.60	082544	8073	7.00	082576	8083	9.20			
201-400	082481	8054	6.00	082513	8064	12.00	082545	8074	18.00	082577	8084	24.00			
401-600	082482	8055	7.80	082514	8065	15.60	082546	8075	23.40	082578	8085	31.20			
601-800	082483	8056	12.80	082515	8066	25.60	082547	8076	38.40	082579	8086	51.20			
801-1200	082484	8057	16.00	082516	8067	32.00	082548	8077	48.00	082580	8087	64.00			

FOR REAR FUSED SWITCHES

WITH BLOCK CONTACTS, PLAIN FINISH, BLACK ENAMELED SLATE

250 Volts

3-30	082485	8100	.56	082517	8110	.88	082549	8120	1.32	082581	8130	2.00			
31-60	082486	8101	.82	082518	8111	1.46	082550	8121	2.18	082582	8131	3.25			
61-100	082487	8102	1.66	082519	8112	3.00	082551	8122	4.40	082583	8132	6.60			
101-200	082488	8103	2.42	082520	8113	4.30	082552	8123	6.40	082584	8133	9.50			
201-400	082489	8104	5.12	082521	8114	9.62	082553	8124	14.20	082585	8134	21.25			
401-600	082490	8105	6.75	082522	8115	12.00	082554	8125	18.00	082586	8135	27.00			
601-800	082491	8106	10.85	082523	8116	20.50	082555	8126	30.70	082587	8136	46.00			
801-1200	082492	8107	14.00	082524	8117	27.00	082556	8127	40.50	082588	8137	61.00			

600 Volts

3-30	082493	8150	.75	082525	8160	1.18	082557	8170	1.75	082589	8180	2.66			
31-60	082494	8151	1.12	082526	8161	1.96	082558	8171	2.86	082590	8181	4.30			
61-100	082495	8152	2.12	082527	8162	3.70	082559	8172	5.40	082591	8182	8.10			
101-200	082496	8153	2.90	082528	8163	5.12	082560	8173	7.50	082592	8183	11.25			
201-400	082497	8154	5.62	082529	8164	10.60	082561	8174	15.75	082593	8184	23.50			
401-600	082498	8155	7.36	082530	8165	13.20	082562	8175	19.70	082594	8185	29.60			
601-800	082499	8156	11.84	082531	8166	22.50	082563	8176	33.80	082595	8186	50.50			
801-1200	082500	8157	15.20	082532	8167	29.25	082564	8177	44.00	082596	8187	66.00			

The price of a rear fused N. C. switch is obtained by adding price above fuse block to a no fuse back connected Type A switch.

Fuses are not included in price of fuse blocks.

Copper plain finish. Black enameled slate base.

OPEN FUSE LINKS



No. 0

Size of Terminals				Size of Terminals			
Terminal No.	Size of Slot Inches	Width of Terminal Inches	Style of Fuse	Terminal No.	Size of Slot Inches	Width of Terminal Inches	Style of Fuse
00	$\frac{1}{16}$	$\frac{1}{4}$	Wire	16	$\frac{7}{16}$	$1\frac{1}{2}$	Strip
0	$\frac{1}{8}$	$\frac{5}{16}$	Wire	10 or 18	$\frac{1}{2}$	$1\frac{3}{8}$	Strip
1	$\frac{3}{16}$	$\frac{3}{8}$	Wire	25	$\frac{5}{8}$	$1\frac{1}{2}$	Strip
2	$\frac{3}{16}$	$\frac{1}{2}$	Wire	28	$\frac{9}{16}$	$2\frac{1}{8}$	Strip
3	$\frac{3}{16}$	$\frac{9}{16}$	Wire	30	$\frac{3}{4}$ or 1	$2\frac{1}{8}$	Strip
5	$\frac{1}{4}$	$\frac{11}{16}$	Wire	30 Wide	$\frac{3}{4}$ or 1	$3\frac{1}{8}$	Strip
7	$\frac{3}{8}$	$\frac{3}{4}$	Strip	40	$\frac{3}{4}$ or 1	$2\frac{1}{8}$	Strip
12	$\frac{7}{16}$	$1\frac{1}{2}$	Strip	50	Special	3	Strip



No. 1

FUSE LINKS

Small Terminals—Wire Fuse

Terminal				PRICE, PER 100				
Trade No.	No.	Amperes	Std. Pkg.	Up to 1½ Inches C. to C.	1½ to 3¼ Inches C. to C.	3¼ to 5 Inches C. to C.	5¼ to 8 Inches C. to C.	
089023	00	½- 5	100	\$2.00	\$3.00	\$4.00	\$5.00	
057615	0	1- 10	100	2.00	3.00	4.00	5.00	
057616	1	1- 30	100	3.00	4.00	5.00	6.00	
057617	2	10- 50	100	3.00	4.50	5.50	6.00	
057618	3	10- 50	100	3.00	5.00	6.00	8.00	
089030	5	25-100	100	4.00	6.00	8.00	10.00	

Large Terminals—Strip Fuse

		PRICE, PER 100					
Trade	Terminal			Std.	Up to 2½	2½ to 5	5¼ to 8
No.	No.	Amperes		Pkg.	Inches C. to C.	Inches C. to C.	Inches C. to C.
057619	7	25- 150		100	\$10.00	\$15.00	\$20.00
057620	12	100- 200		100	12.00	18.00	24.00
057621	12	200- 400		100	15.00	22.50	30.00
057622	16	100- 200		100	12.00	18.00	24.00
057623	16	200- 400		100	15.00	22.50	30.00
057624	10 or 18	200- 400		100	.....	25.00	40.00
057625	10 or 18	400- 600		100	.....	40.00	60.00
057626	25	400- 600		100	.....	50.00	65.00
057627	25	600- 800		100	.....	60.00	90.00
057628	28	600- 800		100	.....	65.00	95.00
089024	28	800-1000		100	.....	75.00	100.00
089025	30	800-1000		100	.....	80.00	110.00
089026	30 Wide	1000-1200		100	.....	150.00	175.00
089027	40	800-1000		100	.....	300.00	325.00
089028	40	1000-1500		100	.....	400.00	500.00
089029	50	1500-2000		100	.....	Special	Special

Fuses larger than 1000 amperes will be charged at a proportionate advance in price.
In ordering, give amperage, terminal number and length.

STANDARD RAILWAY FUSES



Trade No.	Amperes	2½ Inches C. to C. Price per 1000
057791	50 to 100 Flat	\$42.00
057792	110 to 150 Flat	50.00

ASBESTOS COVERED LINKS



For prices on asbestos covered fuse links, add 100 per cent to standard open link prices.

STAMPED FUSE LINKS



Write for special prices on stamped fuse links of all styles.

TESTED FUSE WIRE.

Trade No.	Safe Carrying Capacity Amperes	BEST LENGTHS FOR USE AND FUSING CURRENTS FOR SUCH LENGTHS		Length per Lb. Feet	Diam. Mils.	STANDARD No. of Spools	PACKAGE Size Spool	Price per Lb.
		Inches	Amperes					
010047	$\frac{1}{8}$	1	$\frac{1}{2}$	40725	$2\frac{1}{2}$	1	250 feet	....
010048	$\frac{1}{4}$	1	$\frac{3}{4}$	12550	$4\frac{1}{2}$	1	250 feet	....
010049	$\frac{1}{2}$	1	$1\frac{1}{2}$	2550	10	2	4-oz.	2.75
010050	$\frac{3}{4}$	1	$2\frac{1}{4}$	1516	13	2	8-oz.	2.75
010051	1	$1\frac{1}{4}$	3	993	16	2	8-oz.	1.10
010052	2	$1\frac{1}{2}$	5	407	25	2	8-oz.	1.05
010053	3	$1\frac{3}{4}$	7	265	31	2	8-oz.	1.00
010054	4	$1\frac{3}{4}$	9	207	35	1	1-lb.	1.00
010055	5	$1\frac{3}{4}$	10	167	39	1	1-lb.	1.00
010056	6	2	12	144	42	1	1-lb.	.85
010057	7	2	13	120	46	1	1-lb.	.85
010058	8	2	15	106	49	1	1-lb.	.80
010059	9	2	16	94	52	1	1-lb.	.80
010060	10	$2\frac{1}{4}$	17	84	55	1	1-lb.	.80
010061	12	$2\frac{1}{4}$	20	68	61	1	1-lb.	.80
010062	14	$2\frac{1}{4}$	23	58	66	1	1-lb.	.80
010063	15	$2\frac{1}{4}$	24	55	68	1	1-lb.	.75
010064	16	$2\frac{1}{2}$	25	49	72	1	1-lb.	.75
010065	18	$2\frac{1}{2}$	28	43	77	1	1-lb.	.75
010066	20	$2\frac{1}{2}$	30	$37\frac{5}{8}$	82	1	1-lb.	.75
010067	25	$2\frac{3}{4}$	37	$28\frac{3}{4}$	94	1	1-lb.	.75
010068	30	$2\frac{3}{4}$	43	24	103	1	1-lb.	.75
010069	35	3	49	20	113	1	1-lb.	.75
010070	40	3	56	$17\frac{1}{6}$	122	1	1-lb.	.75
010071	45	3	62	$15\frac{1}{8}$	129	1	1-lb.	.75
010072	50	3	69	$13\frac{1}{2}$	137	1	1-lb.	.75
010073	60	$3\frac{1}{4}$	81	$10\frac{3}{4}$	158	1	5-lb.	.70
010074	70	$3\frac{1}{4}$	93	$8\frac{5}{8}$	170	1	5-lb.	.70
010075	75	$3\frac{1}{2}$	99	$7\frac{3}{4}$	182	1	5-lb.	.70
010076	80	$3\frac{1}{2}$	106	$7\frac{1}{6}$	189	1	5-lb.	.70
010077	90	$3\frac{1}{2}$	118	$5\frac{3}{8}$	212	1	5-lb.	.70
064678	100	4	129	5	226	1	5-lb.	.70

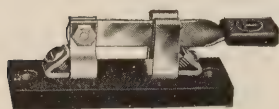
All fuse wire is carefully wound on spools having heavy flanges, which effectually protect the soft fusible metal from abrasion or other mechanical injury; these are then placed in small cans that are properly labeled and sealed, so that fuse wire may be stored away for an indefinite time without the slightest depreciation in quality or appearance.

TESTED FUSE STRIP

Trade No.	Safe Carrying Capacity Amperes	BEST LENGTHS FOR USE AND FUSING CURRENTS FOR SUCH LENGTHS		Wt., Oz. per Foot	Price per Lb.	Price per Foot
		Inches	Amperes			
010079	50	3	69	$1\frac{1}{8}$	\$0.60	\$0.08
010080	60	$3\frac{1}{4}$	81	$1\frac{3}{8}$	.60	.09
010081	70	$3\frac{1}{4}$	93	$1\frac{3}{4}$	.60	.10
010082	75	$3\frac{1}{2}$	99	$1\frac{7}{8}$	.60	.10
010083	80	$3\frac{1}{2}$	106	$2\frac{1}{8}$	.60	.12
010084	90	$3\frac{3}{4}$	118	$2\frac{1}{2}$	.60	.15
010085	100	4	129	3	.50	.18
010086	125	$4\frac{1}{4}$	158	$3\frac{7}{8}$	.50	.20
010087	150	$4\frac{1}{2}$	187	$4\frac{7}{8}$	.50	.25
010088	175	$4\frac{1}{2}$	215	6	.50	.25
010089	200	$4\frac{3}{4}$	243	$6\frac{7}{8}$	.50	.30
010090	225	$4\frac{3}{4}$	270	$7\frac{7}{8}$	.50	.35
010091	250	$4\frac{3}{4}$	298	$8\frac{7}{8}$	.50	.40
010092	275	$4\frac{3}{4}$	325	$9\frac{3}{4}$	.50	.50
010093	300	5	351	$10\frac{3}{4}$	.50	.60
010094	350	$5\frac{1}{4}$	402	$12\frac{3}{4}$	.50	.70
010095	400	$5\frac{1}{4}$	450	$14\frac{5}{8}$	.50	.80
010096	450	$5\frac{1}{2}$	500	17	.50	.90
010097	500	6	550	$20\frac{1}{2}$	.50	1.00
064679	600	$6\frac{1}{2}$	675	35	.50	1.10

Orders for fuse strip smaller than 50 amperes or larger than 500 amperes, will be filled at a slight advance from prices quoted above. Fuse strip is packed in 5-pound and 10-pound tin boxes, unless otherwise ordered. Foot rates will be charged for less than one package.

TRUMBULL SWITCHES



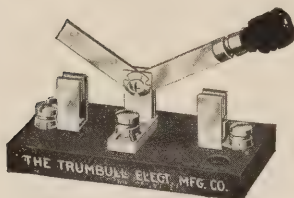
No. 7
Rubber Handle



No. 11
Turn Handle



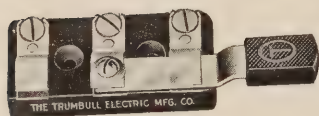
No. 13
Turn Handle



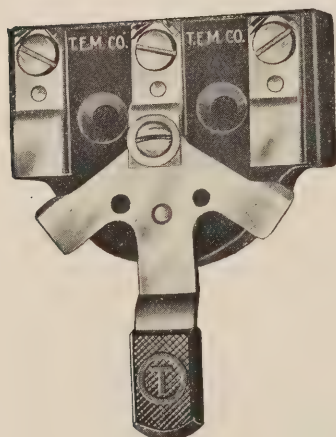
No. 980



No. 1



No. 2



No. 5

FIBRE BASE BATTERY SWITCHES

With Hard Rubber Pistol Grip Handle

Trade No.	Mfrs. No.	Amps.	Style	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
068029	7	15	S.P., S.T.	200	36	\$0.22
068030	8	15	S.P., D.T.	100	30	.34
068031	9	15	D.P., S.T.	100	41	.42
068032	10	15	D.P., D.T.	50	36	.80

With Turn Handle, Black Enameled Grip

068033	11	15	S.P., S.T.	200	34	.20
068034	13	15	S.P., D.T.	100	29	.32

GAS ENGINE SWITCHES

Trade No.	Mfrs. No.	Size, Base Inches	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
068035	980	2x4	50	60	\$0.70

For changing from one set of batteries to another, or battery to magneto.

JUNIOR BATTERY SWITCHES

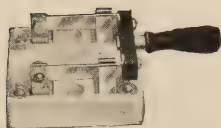
On Composition Bases

Trade No.	Mfrs. No.	Amps.	Style	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
068036	1	15	S.P., S.T.	200	28	\$0.20
068037	2	15	S.P., D.T.	100	20	.30
068038	5	15	.....	100	28	.40

Spring holds lever of No. 5 in neutral position.

All our telephone or battery switches on porcelain, slate or fibre, are fitted with the well-known return bend, self-adjusting clips. Hinge screws are spun over projections on posts to prevent turning on bases.

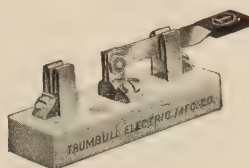
TRUMBULL SWITCHES



No. 954



No. 707



No. 708



No. 709

NEW CODE PORCELAIN BASE SWITCHES

15 Amp. Single Throw, Plain Finish

Trade No.	Mfrs. No.	Volts	Style	Wt. Lbs. Std. Pkg.	Std. Pkg.	Price Each	Code Word
067172	954	125	D.P.	120	150	\$0.42	Avjuk
067173	955	250	D.P.	119	100	.45	Avjus
067174	956	125-250	3.P.	39	25	.75	Avjyf

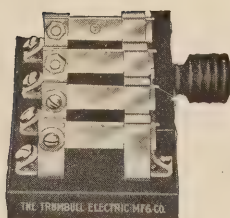


No. 710

TELEPHONE OR BATTERY SWITCHES

15 Amp. On Porcelain Bases, Front Connected

Trade No.	Mfrs. No.	Style	SIZE BASE Wide Long	Std. Pkg.	Wt. Lbs. Pkg.	Price Each	Code Word
067175	707	S.P. S. T.	1 $\frac{1}{8}$ x 3 $\frac{1}{8}$	150	45	\$0.20	Avjyk
067176	708	S.P. D. T.	1 $\frac{3}{8}$ x 3 $\frac{7}{8}$	100	45	.32	Avjym
067177	709	D.P. S. T.	2 x 2 $\frac{5}{8}$	100	53	.35	Avjyv
067178	710	D.P. D. T.	2 $\frac{5}{8}$ x 3 $\frac{7}{8}$	50	46	.50	Avkac
067179	711	3.P. S. T.	3 $\frac{1}{4}$ x 2 $\frac{5}{8}$	50	35	.56	Avkaf
067180	712	3.P. D. T.	3 $\frac{1}{4}$ x 3 $\frac{7}{8}$	50	53	.90	Avkal

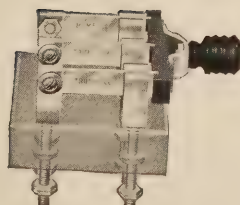


No. 18

15 Amp. On Slate Base, Front Connected

067181	14	D.P. S. T.	2 x 3	50	30	.45	Avkdo
067182	15	D.P. D. T.	2 x 4	25	22	.75	Avkeb
067183	16	3.P. S. T.	2 1/2 x 3 1/4	50	40	.66	Avken
067184	17	3.P. D. T.	3 1/4 x 3 5/8	25	30	1.10	Avkes
067185	18	4.P. S. T.	3 x 4 1/2	25	30	1.00	Avkfo
067186	19	4.P. D. T.	4 x 5 1/2	10	20	1.70	Avkfu

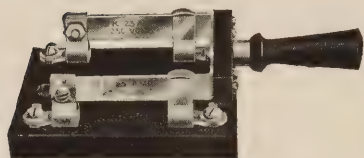
15 Amp. For Back Connections, 1 1/4-in. Break, 1 3/8-in. Separation



No 781

Trade No.	Mfrs. No.	Style	Std. Pkg.	Wt. Lbs. Std. Pkg.	PRICE, EACH Plain	Pol.	Code Word
067187	777	S.P. S. T.	150	24	\$0.24	\$0.32	Avkam
067188	778	S.P. D. T.	100	24	.36	.47	Avkar
067189	779	D.P. S. T.	100	33	.42	.55	Avkaw
067190	780	D.P. D. T.	50	26	.60	.78	Avkba
067191	781	3.P. S. T.	50	18	.66	.86	Avkbi
067192	782	3.P. D. T.	50	23	1.02	1.32	Avkbo

TRUMBULL KAPPA SWITCHES



No. 22



No. 25

KAPPA SWITCHES, 250 VOLTS

Not Fused

Trade No.	Mfrs. No.	CAPACITY Voltage	Amperes	No. Poles	Std. Pkg.	Price Each.	Code Word,
020161	20	250	30	1	100	\$0.44	Xydar
020162	22	250	30	2	100	.60	Xokar
020163	23	125-250	30	3	50	.96	Xemar

Fused—For N. E. C. Fuses

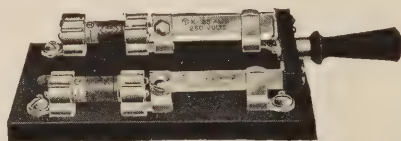
020164	24	250	30	1	25	.60	Xurar
020165	25	250	30	2	50	.92	Xbuar
020166	26	125-250	30	3	25	1.44	Xaxar

Fused—For Link Fuses

020167	27	250	30	2	50	.84	Xiwir
020168	28	125-250	30	3	25	1.32	Xusor



No. 30



No. 33

WITH HIGH FINGERS

Fused Bottom, N. E. C. Fuses

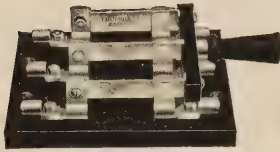
020169	30	250	30	2	25	1.00	Addaik
020170	31	250	30	3	25	1.56	Adibik

Fused Top, N. E. C. Fuses

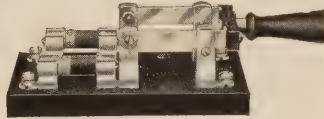
020171	33	250	30	2	25	1.04	Adacik
020172	34	250	30	3	25	1.62	Adodik

The above Kappa switches are designed for light work and made in one size only—25 amperes, front connected, single throw and plain finish.

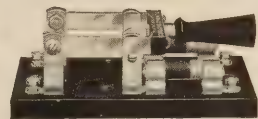
TRUMBULL TYPE C SWITCHES **SINGLE, DOUBLE, THREE AND FOUR-POLE** 250 Volts D. C. or A. C.



No. 3083



No. 1130



No. 1170

FRONT CONNECTED—PLAIN FINISH **NOT FUSED**

S. P. S. T.				S. P. D. T.				D. P. S. T.				D. P. D. T.			
Cap. Amps.	Trade No.	Mfrs. No.	Price Each	Trade No.	Mfrs. No.	Price Each	Trade No.	Mfrs. No.	Price Each	Trade No.	Mfrs. No.	Price Each	Trade No.	Mfrs. No.	Price Each
15	072264	3000	\$0.32	072292	3020	\$0.60	072320	3040	\$0.50	072348	3060	\$0.92	072348	3060	\$0.92
30	072265	3001	.46	072293	3021	.86	072321	3041	.68	072349	3061	1.26	072349	3061	1.26
60	072266	3003	.84	072294	3023	1.56	072322	3043	1.25	072350	3063	2.38	072350	3063	2.38
75	072267	3004	1.26	072295	3024	2.38	072323	3044	1.88	072351	3064	3.56	072351	3064	3.56
100	072268	3005	1.66	072296	3025	3.12	072324	3045	2.50	072352	3065	4.66	072352	3065	4.66

FUSED ON BOTTOM—FOR N. E. C. FUSES

15	072269	3120	.56	072297	3130	1.20	072325	3140	.85	072353	3150	1.80	072353	3150	1.80
35	072270	3121	.68	072298	3131	1.46	072326	3141	1.04	072354	3151	2.20	072354	3151	2.20
60	072271	3122	1.16	072299	3132	2.44	072327	3142	1.75	072355	3152	3.65	072355	3152	3.65
75	072272	3123	1.70	072300	3133	3.56	072328	3143	2.56	072356	3153	5.35	072356	3153	5.35
100	072273	3124	2.34	072301	3134	4.86	072329	3144	3.50	072357	3154	7.30	072357	3154	7.30

NOT FUSED

3 P. S. T.				3 P. D. T.				4 P. S. T.				4 P. D. T.			
15	072274	3080	.75	072302	3100	1.42	072330	5900	1.18	072358	5920	2.40	072358	5920	2.40
30	072275	3081	1.02	072303	3101	1.96	072331	5901	1.60	072359	5921	3.20	072359	5921	3.20
60	072276	3083	1.88	072304	3103	3.70	072332	5903	2.94	072360	5923	5.90	072360	5923	5.90
75	072277	3084	2.82	072305	3104	5.50	072333	5904	4.35	072361	5924	8.70	072361	5924	8.70
100	072278	3085	3.75	072306	3105	7.20	072334	5905	5.80	072362	5925	11.60	072362	5925	11.60

FUSED ON BOTTOM—FOR N. E. C. FUSES

15	072279	3160	1.28	072307	3170	3.00	072335	3180	1.90	072363	3190	4.40	072363	3190	4.40
30	072280	3161	1.56	072308	3171	3.64	072336	3181	2.38	072364	3191	5.56	072364	3191	5.56
60	072281	3162	2.62	072309	3172	6.10	072337	3182	3.86	072365	3192	9.00	072365	3192	9.00
75	072282	3163	3.84	072310	3173	9.00	072338	3183	6.06	072366	3193	14.10	072366	3193	14.10
100	072283	3164	5.24	072311	3174	12.20	072339	3184	8.40	072367	3194	19.50	072367	3194	19.50

Type C switches fitted for D. & W. Type A fuses, same price as above.
125-volt spacing, same price as 250-volt.

WITH HIGH JAWS—FOR N. E. C. FUSES

Fused Bottom

S. P. S. T.				D. P. S. T.				3 P. S. T.				4 P. S. T.			
30	072284	1120	.75	072312	1130	1.12	072340	1140	1.76	072368	1150	2.64	072368	1150	2.64
60	072285	1121	1.20	072313	1131	1.80	072341	1141	2.84	072369	1151	4.26	072369	1151	4.26
75	072286	1122	1.86	072314	1132	2.80	072342	1142	4.40	072370	1152	6.60	072370	1152	6.60
100	072287	1123	2.66	072315	1133	4.00	072343	1143	6.30	072371	1153	9.44	072371	1153	9.44

Fused Top

30	072288	1160	.80	072316	1170	1.18	072344	1180	1.84	072372	1190	2.70	072372	1190	2.70
60	072289	1161	1.26	072317	1171	1.86	072345	1181	2.90	072373	1191	4.32	072373	1191	4.32
75	072290	1162	1.96	072318	1172	2.90	072346	1182	4.50	072374	1192	6.70	072374	1192	6.70
100	072291	1163	2.78	072319	1173	4.12	072347	1183	6.42	072375	1193	9.56	072375	1193	9.56

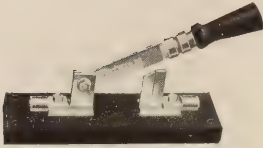
High jaw switches are designed for use in cabinets.

Type C switches fitted for D. & W. Type A fuses, same price as above.
125-volt spacing, same price as 250-volt.

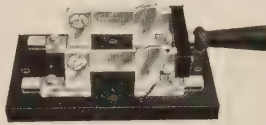
TRUMBULL TYPE A SWITCHES

SINGLE AND DOUBLE-POLE—NOT FUSED

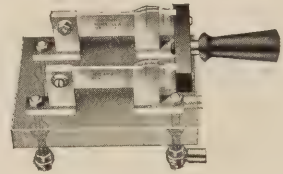
250 Volts D. C. or A. C.



No. 3724



No. 3806



No. 3844

FRONT CONNECTED—PLAIN FINISH

S. P. S. T.				S. P. D. T.				D. P. S. T.				D. P. D. T.			
Cap. Amps.	Trade No.	Mfrs. No.	Price Each	Trade No.	Mfrs. No.	Price Each		Trade No.	Mfrs. No.	Price Each		Trade No.	Mfrs. No.	Price Each	
15	070031	3720	\$0.64	070072	3740	\$1.02		070113	3800	\$0.96		070154	3820	\$1.54	
30	070032	3721	.80	070073	3741	1.28		070114	3801	1.20		070155	3821	1.90	
60	070033	3722	1.16	070074	3742	1.86		070115	3802	1.70		070156	3822	2.72	
75	070034	3723	1.50	070075	3743	2.40		070116	3803	2.25		070157	3823	3.60	
100	070035	3724	2.30	070076	3744	3.70		070117	3804	3.46		070158	3824	5.50	
150	070036	3725	3.12	070077	3745	5.00		070118	3805	4.75		070159	3825	7.60	
200	070037	3726	3.50	070078	3746	5.60		070119	3806	5.20		070160	3826	8.30	
250	070038	3727	5.00	070079	3747	8.25		070120	3807	7.50		070161	3827	12.40	
300	070039	3728	5.50	070080	3748	9.10		070121	3808	8.25		070162	3828	13.60	
400	070040	3729	8.00	070081	3749	13.20		070122	3809	12.00		070163	3829	19.40	
500	070041	3730	10.00	070082	3750	16.50		070123	3810	15.00		070164	3830	24.60	
600	070042	3731	11.40	070083	3751	18.80		070124	3811	17.00		070165	3831	28.00	
800	070043	3732	16.60	070084	3752	27.40		070125	3812	25.00		070166	3832	41.00	
1000	070044	3733	20.00	070085	3753	33.00		070126	3813	30.00		070167	3833	49.40	
1200	070045	3734	26.70	070086	3754	44.00		070127	3814	40.00		070168	3834	66.00	
1500	070046	3735	45.60	070087	3755	73.00		070128	3815	68.50		070169	3835	108.00	
2000	070047	3736	59.00	070088	3756	90.00		070129	3816	90.00		070170	3836	138.00	
2500	070048	3737	96.00	070089	3757	144.00		070130	3817	170.00		070171	3837	255.00	
3000	070049	3738	116.00	070090	3758	172.00		070131	3818	208.00		070172	3838	310.00	
4000	070050	3739	172.00	070091	3759	253.00		070132	3819	295.00		070173	3839	434.00	

BACK CONNECTED—PLAIN FINISH

15	070051	3760	.86	070092	3780	1.38	070133	3840	1.30	070174	3860	2.10
30	070052	3761	1.00	070093	3781	1.60	070134	3841	1.50	070175	3861	2.40
60	070053	3762	1.50	070094	3782	2.40	070135	3842	2.20	070176	3862	3.50
75	070054	3763	1.96	070095	3783	3.10	070136	3843	2.90	070177	3863	4.60
100	070055	3764	2.80	070096	3784	4.50	070137	3844	4.25	070178	3864	6.80
150	070056	3765	4.00	070097	3785	6.40	070138	3845	6.00	070179	3865	9.60
200	070057	3766	4.50	070098	3786	7.20	070139	3846	6.80	070180	3866	10.80
250	070058	3767	6.30	070099	3787	10.40	070140	3847	9.50	070181	3867	15.50
300	070059	3768	7.00	070100	3788	11.50	070141	3848	10.50	070182	3868	17.00
400	070060	3769	9.70	070101	3789	16.00	070142	3849	14.50	070183	3869	23.50
500	070061	3770	12.30	070102	3790	20.30	070143	3850	18.50	070184	3870	30.50
600	070062	3771	13.75	070103	3791	22.70	070144	3851	20.50	070185	3871	33.80
800	070063	3772	20.80	070104	3792	34.30	070145	3852	31.00	070186	3872	51.00
1000	070064	3773	25.00	070105	3793	41.25	070146	3853	37.50	070187	3873	61.50
1200	070065	3774	34.00	070106	3794	56.10	070147	3854	51.00	070188	3874	84.00
1500	070066	3775	55.00	070107	3795	88.00	070148	3855	82.50	070189	3875	130.00
2000	070067	3776	66.00	070108	3796	102.00	070149	3856	108.00	070190	3876	164.00
2500	070068	3777	106.00	070109	3797	158.00	070150	3857	190.00	070191	3877	280.00
3000	070069	3778	128.00	070110	3798	188.00	070151	3858	230.00	070192	3878	342.00
4000	070070	3779	180.00	070111	3799	264.00	070152	3859	325.00	070193	3879	480.00
5000	070071	3779½	250.00	070112	3799½	368.00	070153	3859½	440.00	070194	3879½	658.00

Polished finish for switches 15–2000 amperes inclusive, add 25% for front and 20% for back connected switches. For switches 2500 amperes and above, add 15% for both front and back connected switches.

Drawn file finish, add 30% for both front and back connected switches.

Double break, add 50%.

Back connected switches furnished with screws for 1-inch slate, unless other thickness specified. Packed, unmounted, with table of drilling dimensions. Will be mounted on wood templates when requested.

Front connected switches, unmounted, without slate bases, deduct 10%.

125-volt spacing, same price as 250-volt.

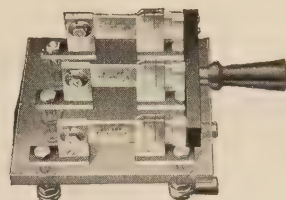
TRUMBULL TYPE A SWITCHES

THREE AND FOUR-POLE—NOT FUSED

250 Volts, D. C. or A. C.



No. 3888



No. 3929

FRONT CONNECTED—PLAIN FINISH

3 P. S. T.				3 P. D. T.				4 P. S. T.				4 P. D. T.			
Cap. Amps.	Trade No.	Mfrs. No.	Price Each	Trade No.	Mfrs. No.	Price Each		Trade No.	Mfrs. No.	Price Each		Trade No.	Mfrs. No.	Price Each	
15	072001	3880	\$1.42	072042	3900	\$2.42		072118	3960	\$2.16		072084	3980	\$3.70	
30	072002	3881	1.80	072043	3901	3.00		072119	3961	2.70		072085	3981	4.60	
60	072003	3882	2.56	072044	3902	4.40		072120	3962	3.80		072086	3982	6.50	
75	072004	3883	3.40	072045	3903	5.80		072121	3963	5.00		072087	3983	8.50	
100	072005	3884	5.20	072046	3904	8.80		072122	3964	7.60		072088	3984	13.00	
150	072006	3885	7.10	072047	3905	12.00		072123	3965	10.60		072089	3985	18.00	
200	072007	3886	7.80	072048	3906	13.40		072124	3966	11.80		072090	3986	20.00	
250	072008	3887	11.25	072049	3907	19.20		072125	3967	16.80		072091	3987	29.00	
300	072009	3888	12.40	072050	3908	21.50		072126	3968	18.50		072092	3988	32.20	
400	072010	3889	17.80	072051	3909	31.20		072127	3969	26.60		072093	3989	46.50	
500	072011	3890	22.50	072052	3910	39.00		072128	3970	33.50		072094	3990	58.60	
600	072012	3891	25.50	072053	3911	44.50		072129	3971	38.25		072095	3991	67.00	
800	072013	3892	37.50	072054	3912	65.50		072130	3972	56.20		072096	3992	98.00	
1000	072014	3893	45.00	072055	3913	78.60		072131	3973	67.50		072097	3993	118.00	
1200	072015	3894	60.00	072056	3914	105.00		072132	3974	90.00		072098	3994	157.50	
1500	072016	3895	102.75	072058	3915	165.00		072133	3975	148.00		072099	3995	244.00	
2000	072017	3896	135.00	072059	3916	220.00		072134	3976	194.00		072100	3996	308.00	
2500	072018	3897	255.00	072060	3917	382.00		.....	.....	.....		.....	.....	.....
3000	072019	3898	312.00	072061	3918	462.00		.....	.....	.....		.....	.....	.....
4000	072020	3899	442.00	072062	3919	654.00		.....	.....	.....		.....	.....	.....

BACK CONNECTED—PLAIN FINISH

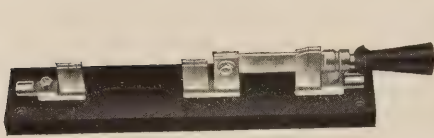
15	072021	3920	1.90	072063	3940	3.25	072135	4000	2.90	072101	4020	4.90
30	072022	3921	2.25	072064	3941	3.80	072136	4001	3.30	072102	4021	5.60
60	072023	3922	3.25	072065	3942	5.50	072137	4002	4.80	072103	4022	8.10
75	072024	3923	4.40	072066	3943	7.50	072138	4003	6.50	072104	4023	11.00
100	072025	3924	6.40	072067	3944	10.90	072139	4004	9.50	072105	4024	16.00
150	072026	3925	9.00	072068	3945	15.25	072140	4005	13.50	072106	4025	23.00
200	072027	3926	10.20	072069	3946	17.30	072141	4006	15.20	072107	4026	25.80
250	072028	3927	14.25	072070	3947	24.20	072142	4007	21.30	072108	4027	36.20
300	072029	3928	15.75	072071	3948	26.80	072143	4008	23.50	072109	4028	40.00
400	072030	3929	21.80	072072	3949	37.00	072144	4009	32.50	072110	4029	54.00
500	072031	3930	27.75	072073	3950	47.00	072145	4010	41.60	072111	4030	70.50
600	072032	3931	30.75	072074	3951	52.20	072146	4011	46.20	072112	4031	78.60
800	072033	3932	46.50	072075	3952	79.00	072147	4012	69.50	072113	4032	118.00
1000	072034	3933	56.25	072076	3953	95.50	072148	4013	84.00	072114	4033	142.40
1200	072035	3934	77.00	072077	3954	131.00	072149	4014	114.50	072115	4034	195.00
1500	072036	3935	123.75	072078	3955	198.00	072150	4015	174.00	072116	4035	290.00
2000	072037	3936	162.00	072079	3956	246.00	072151	4016	226.00	072117	4036	345.00
2500	072038	3937	284.00	072080	3957	424.00	.....	.....	.....	.....	.....	.....
3000	072039	3938	350.00	072081	3958	521.00	.....	.....	.....	.....	.....	.....
4000	072040	3939	475.00	072082	3959	706.00	.....	.....	.....	.....	.....	.....
5000	072041	3939½	660.00	072083	3959½	980.00	.....	.....	.....	.....	.....	.....

Polished finish, for switches, 15-2000 amp. inclusive, add 25% for front and 20% for back connected switches. For switches, 2500 amp. and above, add 15% for both front and back connected switches. Drawn file finish, add 30% for both front and back connected switches. Double break, add 50%. Back connected switches furnished with screws for 1-inch slate, unless other thickness specified. Packed, unmounted, with table of drilling dimensions. Will be mounted on wood templates when requested. Front connected switches, unmounted, without slate bases, deduct 10%. 125-volt spacing, same price as 250-volt. Switches, 800 amp. and above, regularly equipped with spade handles.

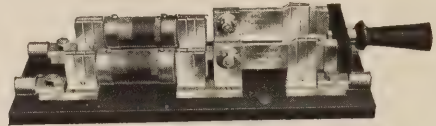
TRUMBULL TYPE A SWITCHES

SINGLE AND DOUBLE-POLE—FOR N. E. C. FUSES

250 Volts, D. C. or A. C.



No. 4044



No. 4123

FRONT CONNECTED—PLAIN FINISH

Cap. Amp.	S. P. S. T.			S. P. D. T.			D. P. S. T.			D. P. D. T.			Price Each
	Trade No.	Mfrs. No.	Price	Trade No.	Mfrs. No.	Price	Trade No.	Mfrs. No.	Price	Trade No.	Mfrs. No.	Price	
15	072152	4040	\$0.92	072180	4060	\$2.00	072208	4120	\$1.40	072236	4140	\$3.00	
30	072153	4041	1.10	072181	4061	2.40	072209	4121	1.66	072237	4141	3.60	
60	072154	4042	1.60	072182	4062	3.50	072210	4122	2.50	072238	4142	5.50	
75	072155	4043	2.50	072183	4063	5.50	072211	4123	3.75	072239	4143	8.25	
100	072156	4044	3.00	072184	4064	6.60	072212	4124	4.50	072240	4144	9.90	
150	072157	4045	4.50	072185	4065	9.90	072213	4125	6.80	072241	4145	15.00	
200	072158	4046	4.90	072186	4066	10.80	072214	4126	7.25	072242	4146	16.00	
300	072159	4047	7.60	072187	4067	16.70	072215	4127	11.50	072243	4147	25.20	
400	072160	4048	11.00	072188	4068	24.20	072216	4128	16.50	072244	4148	36.30	
500	072161	4049	14.00	072189	4069	30.80	072217	4129	21.00	072245	4149	46.00	
600	072162	4050	15.00	072190	4070	33.00	072218	4130	22.50	072246	4150	49.50	
800	072163	4371	23.40	072191	4071	51.50	072219	4391	35.00	072247	4151	77.00	
1000	072164	4372	28.80	072192	4072	63.40	072220	4392	43.20	072248	4152	95.00	
1200	072165	4373	33.50	072193	4073	73.70	072221	4393	50.00	072249	4153	110.00	

BACK CONNECTED—PLAIN FINISH

15	072166	4080	1.16	072194	4100	2.56	072222	4160	1.75	072250	4180	3.80
30	072167	4081	1.30	072195	4101	2.90	072223	4161	2.00	072251	4181	4.40
60	072168	4082	2.00	072196	4102	4.40	072224	4162	3.00	072252	4182	6.60
75	072169	4083	2.90	072197	4103	6.40	072225	4163	4.40	072253	4183	9.60
100	072170	4084	3.50	072198	4104	7.70	072226	4164	5.30	072254	4184	11.60
150	072171	4085	5.30	072199	4105	11.70	072227	4165	8.00	072255	4185	17.50
200	072172	4086	5.80	072200	4106	12.75	072228	4166	8.80	072256	4186	19.25
300	072173	4087	9.00	072201	4107	19.80	072229	4167	13.60	072257	4187	29.90
400	072174	4088	12.60	072202	4108	27.70	072230	4168	19.00	072258	4188	41.80
500	072175	4089	16.30	072203	4109	35.80	072231	4169	24.50	072259	4189	54.00
600	072176	4090	17.50	072204	4110	38.50	072232	4170	26.00	072260	4190	57.00
800	072177	4451	27.25	072205	4111	60.00	072233	4471	41.00	072261	4191	90.00
1000	072178	4452	33.80	072206	4112	74.40	072234	4472	50.70	072262	4192	111.50
1200	072179	4453	40.40	072207	4113	89.00	072235	4473	60.50	072263	4193	133.00

Polished finish, add 25% for front and 20% for back connected switches.

Drawn file finish, add 30% for both front and back connected switches.

Double break, add 50%.

Back connected switches furnished with screws for 1-inch slate, unless other thickness specified. Packed, unmounted, with table of drilling dimensions. Will be mounted on wood templates when requested.

Front connected switches, unmounted, without slate bases, deduct 10%.

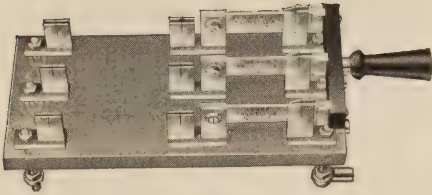
125-volt spacing, same price as 250-volt.

Switches, 800 amp. and above, regularly equipped with spade handles.

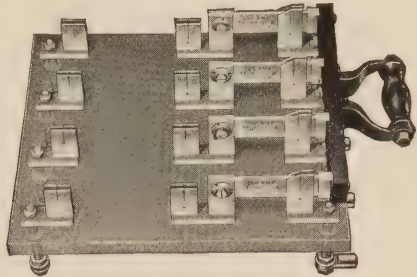
TRUMBULL TYPE A SWITCHES

THREE AND FOUR-POLE—FOR N. E. C. FUSES

250 Volts, D. C. or A. C.



No. 4244



No. 4326

FRONT CONNECTED—PLAIN FINISH

3. P. S. T.				3. P. D. T.				4. P. S. T.				4. P. D. T.			
Cap. Amp.	Trade No.	Mfrs. No.	Price Each	Trade No.	Mfrs. No.	Price Each	Trade No.	Mfrs. No.	Price Each	Trade No.	Mfrs. No.	Price Each	Trade No.	Mfrs. No.	Price Each
15	070195	4200	\$2.10	070223	4220	\$4.90	070251	4280	\$3.20	070279	4300	\$7.50			
30	070196	4201	2.50	070224	4221	5.80	070252	4281	3.70	070280	4301	8.60			
60	070197	4202	3.40	070225	4222	8.00	070253	4282	5.80	070281	4302	13.50			
75	070198	4203	5.60	070226	4223	13.10	070254	4283	8.40	070282	4303	19.60			
100	070199	4204	6.75	070227	4224	15.75	070255	4284	10.10	070283	4304	23.50			
150	070200	4205	10.20	070228	4225	23.80	070256	4285	15.20	070284	4305	35.40			
200	070201	4206	10.86	070229	4226	25.20	070257	4286	16.40	070285	4306	38.20			
300	070202	4207	17.25	070230	4227	40.00	070258	4287	25.90	070286	4307	60.40			
400	070203	4208	24.75	070231	4228	57.75	070259	4288	37.00	070287	4308	86.20			
500	070204	4209	31.50	070232	4229	73.50	070260	4289	47.00	070288	4309	109.60			
600	070205	4210	33.75	070233	4230	78.60	070261	4290	50.50	070289	4310	117.80			
800	070206	4411	52.50	070234	4231	122.50	070262	4431	79.00	070290	4311	184.00			
1000	070207	4412	64.80	070235	4232	151.00	070263	4432	97.00	070291	4312	226.00			
1200	070208	4413	75.00	070236	4233	175.00	070264	4433	112.00	070292	4313	260.00			

BACK CONNECTED—PLAIN FINISH

15	070209	4240	2.60	070237	4260	5.80	070265	4320	3.96	070293	4340	8.90
30	070210	4241	3.00	070238	4261	6.70	070266	4321	4.50	070294	4341	10.10
60	070211	4242	4.50	070239	4262	10.00	070267	4322	6.75	070295	4342	15.10
75	070212	4243	6.60	070240	4263	14.80	070268	4323	9.90	070296	4343	22.20
100	070213	4244	8.00	070241	4264	18.00	070269	4324	11.80	070297	4344	26.50
150	070214	4245	12.00	070242	4265	27.00	070270	4325	18.00	070298	4345	40.50
200	070215	4246	13.20	070243	4266	29.60	070271	4326	19.70	070299	4346	44.30
300	070216	4247	20.40	070244	4267	45.80	070272	4327	30.60	070300	4347	68.80
400	070217	4248	28.50	070245	4268	64.00	070273	4328	42.60	070301	4348	95.60
500	070218	4249	36.75	070246	4269	82.50	070274	4329	55.00	070302	4349	124.00
600	070219	4250	39.00	070247	4270	87.50	070275	4330	58.50	070303	4350	131.00
800	070220	4491	61.50	070248	4271	138.40	070276	4511	92.20	070304	4351	207.00
1000	070221	4492	76.00	070249	4272	171.00	070277	4512	113.00	070305	4352	254.00
1200	070222	4493	90.80	070250	4273	204.00	070278	4513	136.00	070306	4353	306.00

Polished finish, add 25% for front and 20% for back connected switches.

Drawn file finish, add 30% for both front and back connected switches.

Double break, add 50%.

Back connected switches furnished with screws for 1-inch slate, unless other thickness specified. Packed, unmounted, with table of drilling dimensions. Will be mounted on wood templates when requested.

Front connected switches, unmounted, without slate bases, deduct 10%.

125-volt spacing, same price as 250-volt.

Double and three-pole switches, 800 amp. and above, regularly equipped with spade handles.

Four-pole switches, 100 amp. and above, regularly equipped with spade handles.

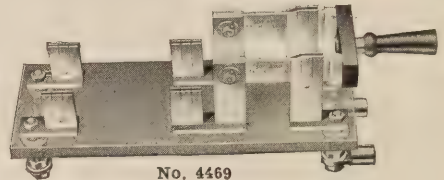
TRUMBULL TYPE A SWITCHES

SINGLE, DOUBLE, THREE AND FOUR-POLE, WITH HIGH JAWS

250-V. D. C. or A. C. For N. E. C. Fuses on Bottom



No. 4389



No. 4469

FRONT CONNECTED—PLAIN FINISH

S. P. S. T.				D. P. S. T.			3 P. S. T.			4 P. S. T.		
Cap. Amps.	Trade No.	Mfrs. No.	Price Each	Trade No.	Mfrs. No.	Price Each	Trade No.	Mfrs. No.	Price Each	Trade No.	Mfrs. No.	Price Each
15	070307	4360	\$1.06	070335	4380	\$1.60	070363	4400	\$2.40	070391	4420	\$3.66
30	070308	4361	1.25	070336	4381	1.86	070364	4401	2.80	070392	4421	4.20
60	070309	4362	1.80	070337	4382	2.80	070365	4402	3.80	070393	4422	6.44
75	070310	4363	2.70	070338	4383	4.00	070366	4403	6.00	070394	4423	9.00
100	070311	4364	3.30	070339	4384	5.00	070367	4404	7.50	070395	4424	11.20
150	070312	4365	4.90	070340	4385	7.40	070368	4405	11.00	070396	4425	16.50
200	070313	4366	5.30	070341	4386	7.90	070369	4406	11.75	070397	4426	17.75
300	070314	4367	8.20	070342	4387	12.50	070370	4407	18.60	070398	4427	28.00
400	070315	4368	12.30	070343	4388	18.50	070371	4408	27.75	070399	4428	41.50
500	070316	4369	15.70	070344	4389	23.50	070372	4409	35.25	070400	4429	52.50
600	070317	4370	17.00	070345	4390	25.50	070373	4410	38.50	070401	4430	57.00
800	070318	4371	23.40	070346	4391	35.00	070374	4411	52.50	070402	4431	79.00
1000	070319	4372	28.80	070347	4392	43.20	070375	4412	64.80	070403	4432	97.00
1200	070320	4373	33.50	070348	4393	50.00	070376	4413	75.00	070404	4433	112.00

BACK CONNECTED—PLAIN FINISH

15	070321	4440	1.30	070349	4460	1.96	070377	4480	2.90	070405	4500	4.40
30	070322	4441	1.46	070350	4461	2.20	070378	4481	3.30	070406	4501	4.96
60	070323	4442	2.16	070351	4462	3.25	070379	4482	4.90	070407	4502	7.40
75	070324	4443	3.10	070352	4463	4.70	070380	4483	7.00	070408	4503	10.50
100	070325	4444	3.80	070353	4464	5.80	070381	4484	8.75	070409	4504	12.90
150	070326	4445	5.70	070354	4465	8.60	070382	4485	12.90	070410	4505	19.20
200	070327	4446	6.25	070355	4466	9.40	070383	4486	14.10	070411	4506	20.00
300	070328	4447	9.60	070356	4467	14.60	070384	4487	21.80	070412	4507	32.60
400	070329	4448	14.00	070357	4468	21.00	070385	4488	31.50	070413	4508	47.00
500	070330	4449	18.00	070358	4469	27.00	070386	4489	40.50	070414	4509	60.50
600	070331	4450	19.30	070359	4470	29.00	070387	4490	43.50	070415	4510	65.20
800	070332	4451	27.25	070360	4471	41.00	070388	4491	61.50	070416	4511	92.20
1000	070333	4452	33.80	070361	4472	50.70	070389	4492	76.00	070417	4512	113.00
1200	070334	4453	40.40	070362	4473	60.50	070390	4493	90.80	070418	4513	136.00

Polished finish, add 25% for front connected switches.

Drawn file finish, add 30% for front connected switches.

Double break, add 50%.

Front connected switches unmounted without slate bases, deduct 10%.

Back connected switches, furnished with screws for 1-inch slate, unless other thickness specified. Packed unmounted, with table of drilling dimensions. Will be mounted on wood templates when requested.

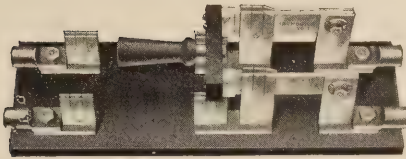
125-volt spacing same price as 250-volt.

Single, double and three-pole switches, 800 amp. and above, and four-pole switches, 100 amp. and above, regularly equipped with spade handles.

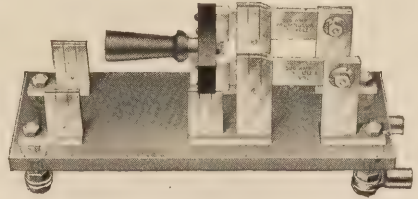
TRUMBULL TYPE A SWITCHES

SINGLE, DOUBLE, THREE AND FOUR-POLE, WITH HIGH JAWS

250-V. D. C. or A. C. For N. E. C. Fuses on Top Jaws



No. 4549



No. 4629

FRONT CONNECTED—PLAIN FINISH

Cap. Amps.	S. P. S. T.			D. P. S. T.			3 P. S. T.			4 P. S. T.		
	Trade No.	Mfrs. No.	Price Each	Trade No.	Mfrs. No.	Price Each	Trade No.	Mfrs. No.	Price Each	Trade No.	Mfrs. No.	Price Each
15	070419	4520	\$1.16	070447	4540	\$1.75	070475	4560	\$2.60	070503	4580	\$3.90
30	070420	4521	1.34	070448	4541	2.00	070476	4561	3.00	070504	4581	4.40
60	070421	4522	1.90	070449	4542	2.94	070477	4562	4.00	070505	4582	6.70
75	070422	4523	2.80	070450	4543	4.20	070478	4563	6.30	070506	4583	9.30
100	070423	4524	3.50	070451	4544	5.25	070479	4564	7.80	070507	4584	11.60
150	070424	4525	5.10	070452	4545	7.70	070480	4565	11.50	070508	4585	17.00
200	070425	4526	5.50	070453	4546	8.20	070481	4566	12.20	070509	4586	18.25
300	070426	4527	8.50	070454	4547	12.90	070482	4567	19.25	070510	4587	28.60
400	070427	4528	12.60	070455	4548	19.00	070483	4568	28.50	070511	4588	42.25
500	070428	4529	16.20	070456	4549	24.00	070484	4569	36.25	070512	4589	53.50
600	070429	4530	17.50	070457	4550	26.20	070485	4570	39.50	070513	4590	58.20
800	070430	4531	24.20	070458	4551	36.00	070486	4571	54.00	070514	4591	80.50
1000	070431	4532	29.60	070459	4552	44.40	070487	4572	66.60	070515	4592	98.80
1200	070432	4533	34.50	070460	4553	51.40	070488	4573	77.00	070516	4593	114.00

BACK CONNECTED—PLAIN FINISH

15	070433	4600	1.40	070461	4620	2.10	070489	4640	3.10	070517	4660	4.60
30	070434	4601	1.56	070462	4621	2.34	070490	4641	3.50	070518	4661	5.20
60	070435	4602	2.26	070463	4622	3.40	070491	4642	5.20	070519	4662	7.60
75	070436	4603	3.25	070464	4623	4.90	070492	4643	7.30	070520	4663	10.80
100	070437	4604	4.00	070465	4624	6.00	070493	4644	9.10	070521	4664	13.25
150	070438	4605	5.90	070466	4625	8.90	070494	4645	13.30	070522	4665	19.75
200	070439	4606	6.40	070467	4626	9.60	070495	4646	14.50	070523	4666	20.50
300	070440	4607	9.80	070468	4627	15.00	070496	4647	22.40	070524	4667	33.20
400	070441	4608	14.30	070469	4628	21.50	070497	4648	32.25	070525	4668	47.80
500	070442	4609	18.40	070470	4629	27.50	070498	4649	41.50	070526	4669	61.50
600	070443	4610	19.75	070471	4630	29.70	070499	4650	44.60	070527	4670	66.40
800	070444	4611	28.20	070472	4631	42.00	070500	4651	63.00	070528	4671	93.70
1000	070445	4612	34.60	070473	4632	52.00	070501	4652	77.80	070529	4672	114.80
1200	070446	4613	41.40	070474	4633	62.00	070502	4653	92.80	070530	4673	138.00

For polished finish, add 25% for front and 20% for back connected switches.

Drawn file finish, add 30%

For double break switches, add 50%.

Back connected switches furnished with screws for 1-inch slate, unless otherwise specified. Packed, unmounted, with table of drilling dimensions. Will be mounted on wood templates when requested.

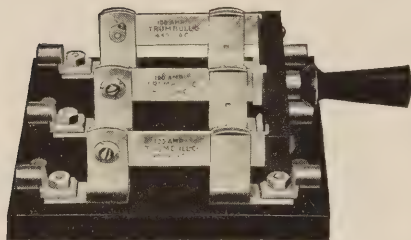
125-volt spacing, same price as 250-volt.

Single, double and three-pole switches above 800 amperes, and four-pole 100 amperes and above, are regularly equipped with spade handles.

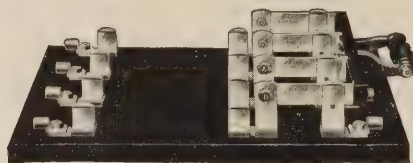
Front connected switches unmounted without slate bases, deduct 10%.

TRUMBULL TYPE C SWITCHES

THREE AND FOUR POLE—440 VOLTS A. C.



No. 9803



No. 9903 Fused Bottom

FRONT CONNECTED—PLAIN FINISH

NOT FUSED

			Three Pole						Four Pole		
Trade No.	Mfrs. No.	Cap. Amp.	Style	Price Each	Code Word	Trade No.	Mfrs. No.	Cap. Amp.	Style	Price Each	Code Word
067699	9800	30	S. T.	\$1.58	Avxmu	067703	9810	30	D. T.	\$3.70	Avxta
067700	9801	60	S. T.	2.90	Avxoh	067704	9811	60	D. T.	6.75	Avxuc
067701	9802	75	S. T.	4.20	Avxor	067705	9812	75	D. T.	9.80	Avxut
067702	9803	100	S. T.	6.52	Avxpo	067706	9813	100	D. T.	15.18	Avxyd

Four Pole

067707	9820	30	S. T.	2.30	Avyab	067711	9830	30	D. T.	4.50	Avybe
067708	9821	60	S. T.	4.30	Avyaf	067712	9831	60	D. T.	10.10	Avyck
067709	9822	75	S. T.	6.25	Avyap	067713	9832	75	D. T.	14.65	Aygev
067710	9823	100	S. T.	9.75	Avyat	067714	9833	100	D. T.	22.80	Avyfa

FOR N. E. C. FUSES

Three Pole

067715	9840	30	S. T.	2.45	Avygo	067719	9850	30	D. T.	5.70	Avyko
067716	9841	60	S. T.	4.06	Avygu	067720	9851	60	D. T.	9.50	Avylo
067717	9842	75	S. T.	6.10	Avyja	067721	9852	75	D. T.	14.25	Avylp
067718	9843	100	S. T.	9.18	Avyka	067722	9853	100	D. T.	21.38	Avyly

Four Pole

067723	9860	30	S. T.	3.65	Avyms	067727	9870	30	D. T.	8.50	Avypt
067724	9861	60	S. T.	6.00	Avyob	067728	9871	60	D. T.	14.20	Avyrl
067725	9862	75	S. T.	9.10	Avyof	067729	9872	75	D. T.	21.35	Avyssk
067726	9863	100	S. T.	13.80	Avyol	067730	9873	100	D. T.	32.10	Avyuf

FOR N. E. C. FUSES

Fused at Bottom—High Jaws

			Three Pole						Four Pole		
Trade No.	Mfrs. No.	Cap. Amp.	Style	Price Each	Code Word	Trade No.	Mfrs. No.	Cap. Amp.	Style	Price Each	Code Word
067731	9880	30	S. T.	\$3.32	Awbac	067735	9900	30	S. T.	\$5.02	Awbar
067732	9881	60	S. T.	5.72	Awbaf	067736	9901	60	S. T.	8.60	Awbaf
067733	9882	75	S. T.	7.15	Awbaf	067737	9902	75	S. T.	10.75	Awbba
067734	9883	100	S. T.	12.18	Awbap	067738	9903	100	S. T.	18.25	Awbba

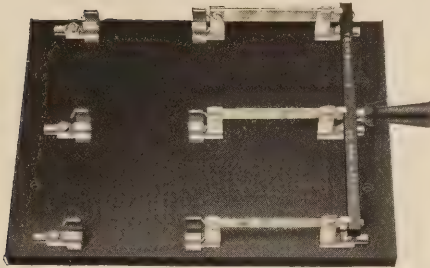
Fused at Top—High Jaws

067739	9920	30	S. T.	3.40	Awbbo	067743	9940	30	S. T.	5.12	Awbdo
067740	9921	60	S. T.	5.80	Awbca	067744	9941	60	S. T.	8.70	Awbdb
067741	9922	75	S. T.	7.25	Awbca	067745	9942	75	S. T.	10.98	Awbdb
067742	9923	100	S. T.	12.30	Awbde	067746	9943	100	S. T.	18.45	Awbdb

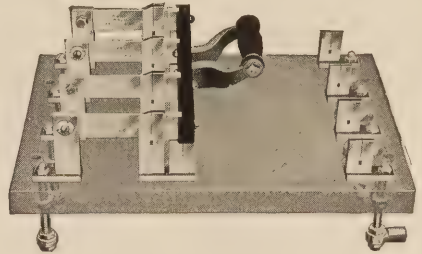
Type C switches fitted for D. & W. A fuses same prices as above.

TRUMBULL TYPE A SWITCHES**THREE AND FOUR-POLE—440 VOLTS, A. C.**

For N. E. C. Fuses, with High Hinge Jaws



No. 5322



No. 5424

FOR N. E. C. FUSES ON HINGE END**FRONT CONNECTED**

3 P. S. T.				4 P. S. T.			
Cap. Amps.	Trade No.	Mfrs. No.	Price Each	Trade No.	Mfrs. No.	Price Each	
30	070739	5321	\$4.20	070817	5361	\$6.30	
60	070740	5322	6.00	070818	5362	9.00	
75	070741	5323	8.50	070819	5363	12.60	
100	070742	5324	9.25	070820	5364	13.80	
150	070743	5325	13.70	070821	5365	20.40	
200	070744	5326	14.40	070822	5366	21.60	
300	070745	5327	20.70	070823	5367	31.20	
400	070746	5328	32.00	070824	5368	48.00	
500	070747	5329	41.40	070825	5369	60.80	
600	070748	5330	45.00	070826	5370	67.00	
800	070749	5331	62.25	070827	5371	92.30	
1000	070750	5332	77.00	070828	5372	115.00	
1200	070751	5333	88.25	070829	5373	132.50	

BACK CONNECTED

3 P. S. T.				4 P. S. T.			
Trade No.	Mfrs. No.	Price Each		Trade No.	Mfrs. No.	Price Each	
070765	5341	\$5.00		070791	5381	\$7.40	
070766	5342	6.50		070792	5382	9.80	
070767	5343	9.30		070793	5383	13.80	
070768	5344	9.50		070794	5384	14.00	
070769	5345	14.00		070795	5385	21.00	
070770	5346	14.75		070796	5386	22.00	
070771	5347	22.75		070797	5387	33.80	
070772	5348	32.75		070798	5388	48.75	
070773	5349	42.00		070799	5389	62.75	
070774	5350	45.50		070800	5390	67.50	
070775	5351	71.50		070801	5391	106.00	
070776	5352	89.00		070802	5392	132.50	
070777	5353	100.00		070803	5393	151.00	

FOR N. E. C. FUSES ON HANDLE END

30	070752	5401	4.50	070830	5441	6.70	070778	5421	5.30	070804	5461	7.80
60	070753	5402	6.30	070831	5442	9.50	070779	5422	7.00	070805	5462	10.30
75	070754	5403	8.80	070832	5443	13.30	070780	5423	9.80	070806	5463	14.50
100	070755	5404	9.65	070833	5444	14.40	070781	5424	10.00	070807	5464	15.00
150	070756	5405	14.20	070834	5445	21.10	070782	5425	14.75	070808	5465	21.50
200	070757	5406	14.90	070835	5446	22.30	070783	5426	15.25	070809	5466	22.75
300	070758	5407	21.25	070836	5447	32.00	070784	5427	23.25	070810	5467	34.40
400	070759	5408	33.00	070837	5448	49.25	070785	5428	33.50	070811	5468	49.75
500	070760	5409	42.60	070838	5449	62.30	070786	5429	43.00	070812	5469	63.75
600	070761	5410	46.20	070839	5450	68.60	070787	5430	46.50	070813	5470	69.00
800	070762	5411	64.20	070840	5451	94.75	070788	5431	65.50	070814	5471	97.50
1000	070763	5412	79.00	070841	5452	118.00	070789	5432	81.00	070815	5472	119.30
1200	070764	5413	90.50	070842	5453	136.00	070790	5433	96.50	070816	5473	143.50

Drawn file finish add 30% front or back connected switches.

Polished finish, add 25% for front and 20% for back connected switches.

Double break switches, add 50%.

Back connected switches, furnished with screws for 1-inch slate, unless other thickness specified. Packed, unmounted, with table of drilling dimensions. Will be mounted on wood templates when requested.

Three pole switches above 600 amperes and four pole above 100 amperes regularly equipped with spade handles.

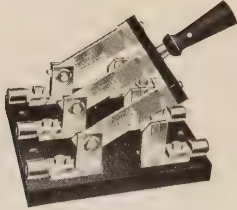
Switches, 100 amperes and above, 440 volts, A.C., have same separation and break as 250-volt, but 600-volt fuses must be used.

Front connected switches, unmounted, without slate base, deduct 10%.

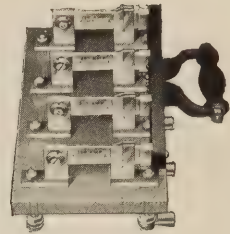
TRUMBULL TYPE A SWITCHES

THREE AND FOUR-POLE—NOT FUSED

For 440 Volts Alternating Current



No. 5008



No. 5126

FRONT CONNECTED—PLAIN FINISH

3 P. S. T.				3 P. D. T.				4 P. S. T.				4 P. D. T.			
Cap. Amps.	Trade No.	Mfrs. No.	Price Each	Trade No.	Mfrs. No.	Price Each	Trade No.	Mfrs. No.	Price Each	Trade No.	Mfrs. No.	Price Each	Trade No.	Mfrs. No.	Price Each
30	070531	5001	\$2.80	070557	5021	\$4.95	070583	5081	\$4.25	070609	5101	\$7.40			
60	070532	5002	4.00	070558	5022	7.00	070584	5082	6.00	070610	5102	10.50			
75	070533	5003	5.00	070559	5023	8.80	070585	5083	7.50	070611	5103	13.00			
100	070534	5004	5.46	070560	5024	9.00	070586	5084	7.70	070612	5104	13.20			
150	070535	5005	7.36	070561	5025	12.20	070587	5085	10.66	070613	5105	18.10			
200	070536	5006	8.10	070562	5026	13.60	070588	5086	11.88	070614	5106	20.12			
300	070537	5008	12.60	070563	5028	21.50	070589	5088	18.50	070615	5108	32.20			
400	070538	5009	18.00	070564	5029	31.20	070590	5089	26.60	070616	5109	46.50			
500	070539	5010	22.50	070565	5030	39.00	070591	5090	33.50	070617	5110	58.60			
600	070540	5011	25.50	070566	5031	44.50	070592	5091	38.25	070618	5111	67.00			
800	070541	5012	37.50	070567	5032	65.50	070593	5092	56.20	070619	5112	98.00			
1000	070542	5013	45.00	070568	5033	78.60	070594	5093	67.50	070620	5113	118.00			
1200	070543	5014	60.25	070569	5034	105.00	070595	5094	90.00	070621	5114	157.50			

BACK CONNECTED—PLAIN FINISH

30	070544	5041	3.40	070570	5061	5.70	070596	5121	5.10	070622	5141	8.50
60	070545	5042	4.60	070571	5062	7.70	070597	5122	7.00	070623	5142	11.50
75	070546	5043	5.90	070572	5063	10.00	070598	5123	8.75	070624	5143	15.25
100	070547	5044	6.60	070573	5064	11.10	070599	5124	9.60	070625	5144	16.00
150	070548	5045	9.25	070574	5065	15.50	070600	5125	13.56	070626	5145	23.00
200	070549	5046	10.40	070575	5066	17.50	070601	5126	15.28	070627	5146	25.80
300	070550	5048	15.80	070576	5068	26.90	070602	5128	23.50	070628	5148	40.00
400	070551	5049	21.80	070577	5069	37.00	070603	5129	32.50	070629	5149	54.00
500	070552	5050	27.75	070578	5070	47.00	070604	5130	41.60	070630	5150	70.50
600	070553	5051	30.75	070579	5071	52.20	070605	5131	46.20	070631	5151	78.60
800	070554	5052	46.50	070580	5072	79.00	070606	5132	69.50	070632	5152	118.00
1000	070555	5053	56.25	070581	5073	95.50	070607	5133	84.00	070633	5153	142.40
1200	070556	5054	77.00	070582	5074	131.00	070608	5134	114.50	070634	5154	195.00

Drawn file finish add 30% front or back connected switches.

Polished finish, add 25% for front and 20% for back connected switches.

Double break switches, add 50%.

Back connected switches are for 1-inch slate unless otherwise specified, and are shipped unmounted with a table of drilling dimensions and lay out enclosed.

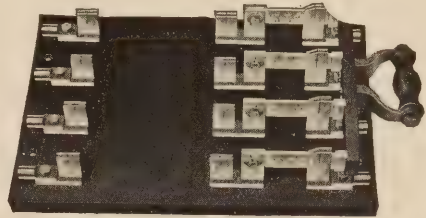
Three and four-pole switches above 600 amperes and four-pole 100 amperes and above, regularly equipped with spade handles.

Front connected switches, unmounted without slate bases deduct 10%.

TRUMBULL TYPE A SWITCHES
THREE AND FOUR POLE, FOR N. E. C. FUSES
 440 Volts, Alternating Current



No. 5166



No. 5246

FRONT CONNECTED—PLAIN FINISH

3 P. S. T.				3 P. D. T.				4 P. S. T.				4 P. D. T.			
Cap. Amps.	Trade No.	Mfrs. No.	Price Each	Trade No.	Mfrs. No.	Price Each		Trade No.	Mfrs. No.	Price Each		Trade No.	Mfrs. No.	Price Each	
30	070635	5161	\$3.75	070661	5181	\$8.70		070687	5241	\$5.60		070713	5261	\$13.00	
60	070636	5162	4.80	070662	5182	11.20		070688	5242	8.20		070714	5262	19.00	
75	070637	5163	7.50	070663	5183	17.50		070689	5243	12.00		070715	5263	28.00	
100	070638	5164	8.40	070664	5184	19.70		070690	5244	12.70		070716	5264	29.50	
150	070639	5165	12.70	070665	5185	29.60		070691	5245	18.90		070717	5265	44.10	
200	070640	5166	13.50	070666	5186	31.50		070692	5246	20.25		070718	5266	47.25	
300	070641	5167	20.60	070667	5187	48.20		070693	5247	30.80		070719	5267	71.80	
400	070642	5168	29.80	070668	5188	69.30		070694	5248	44.50		070720	5268	104.00	
500	070643	5169	38.10	070669	5189	88.80		070695	5249	57.20		070721	5269	133.40	
600	070644	5170	41.25	070670	5190	96.25		070696	5250	62.00		070722	5270	144.40	
800	070645	5171	62.60	070671	5191	146.00		070697	5251	93.80		070723	5271	219.00	
1000	070646	5172	77.50	070672	5192	180.50		070698	5252	116.00		070724	5272	270.90	
1200	070647	5173	88.70	070673	5193	207.00		070699	5253	133.30		070725	5273	311.00	

BACK CONNECTED—PLAIN FINISH

30	070648	5201	4.50	070674	5221	10.00	070700	5281	6.75	070726	5301	15.00
60	070649	5202	6.30	070675	5222	14.00	070701	5282	9.50	070727	5302	21.00
75	070650	5203	8.40	070676	5223	19.00	070702	5283	13.00	070728	5303	29.00
100	070651	5204	8.75	070677	5224	20.30	070703	5284	13.50	070729	5304	30.20
150	070652	5205	13.00	070678	5225	30.60	070704	5285	19.25	070730	5305	45.50
200	070653	5206	14.00	070679	5226	32.60	070705	5286	20.75	070731	5306	48.75
300	070654	5207	21.25	070680	5227	48.86	070706	5287	31.80	070732	5307	72.90
400	070655	5208	30.25	070681	5228	70.75	070707	5288	45.00	070733	5308	105.80
500	070656	5209	38.75	070682	5229	91.50	070708	5289	57.75	070734	5309	134.50
600	070657	5210	41.75	070683	5230	97.40	070709	5290	62.50	070735	5310	144.75
800	070658	5211	64.00	070684	5231	152.60	070710	5291	95.90	070736	5311	228.80
1000	070659	5212	79.25	070685	5232	189.50	070711	5292	117.50	070737	5312	283.00
1200	070660	5213	94.50	070686	5233	219.50	070712	5293	141.50	070738	5313	329.50

Drawn file finish add 30% for front or back connected switches.

For polished finish, add 25% for front and 20% for back connected switches.

Back connected switches are for 1-inch slate unless otherwise specified, and are shipped unmounted with a table of drilling dimensions and lay out enclosed.

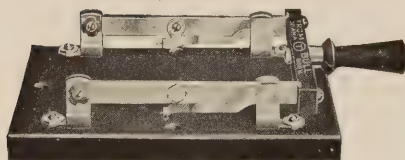
Three-pole switches above 800 amperes, and four-pole 100 amperes and above, regularly equipped with spade handles.

Switches, 100 amperes and above, 440 volts, A. C., have same separation and break as 250-volt, but 600-volt fuses must be used.

Front connected switches, unmounted, without slate base, deduct 10%.

TRUMBULL TYPE C SWITCHES

SINGLE, DOUBLE AND THREE POLE, 600 VOLTS



No. 076620
With Quick Break Blades



No. 073342
Without Quick Break Blades

FRONT CONNECTED—PLAIN FINISH—NO FUSE
EQUIPPED WITH QUICK BREAK BLADES
Single Throw

Single Pole			Double Pole			Triple Pole		
Cap. Amp.	Trade No.	Price Each	Code Word	Trade No.	Price Each	Code Word	Trade No.	Price Each
30	076600	\$1.02	Awdaa	076620	\$1.76	Awdel	076640	\$3.20
60	076601	1.58	Awdde	076621	2.58	Awdem	076641	4.76
75	076602	2.06	Awdde	076622	3.34	Awder	076642	6.08
100	076603	2.70	Awdde	076623	3.80	Awdex	076643	8.00

WITHOUT QUICK BREAK BLADES

Single Pole			Double Pole			Triple Pole		
Cap. Amp.	Trade No.	Price Each	Code Word	Trade No.	Price Each	Code Word	Trade No.	Price Each
30	073200	.60	Awdpi	073240	.90	Awdst	073280	1.92
60	073202	1.12	Awdpu	073242	1.66	Awdub	073282	3.38
75	073203	1.60	Awdro	073243	2.40	Awdup	073283	4.68
100	073204	2.20	Awdru	073244	3.32	Awdup	073284	6.55

Single Pole			Double Pole			Triple Pole		
Cap. Amp.	Trade No.	Price Each	Code Word	Trade No.	Price Each	Code Word	Trade No.	Price Each
30	073220	1.16	Awdyg	073260	1.68	Awebe	073300	4.05
60	073222	2.08	Awdyk	073262	3.18	Awebt	073302	7.22
75	073223	3.04	Aweag	073263	4.56	Awefa	073303	10.28
100	073224	4.16	Aweba	073264	6.20	Awefs	073304	14.25

FRONT CONNECTED—PLAIN FINISH—FOR N. E. C. FUSES

EQUIPPED WITH QUICK BREAK BLADES

Single Pole			Double Pole			Triple Pole		
Cap. Amp.	Trade No.	Price Each	Code Word	Trade No.	Price Each	Code Word	Trade No.	Price Each
30	076660	1.32	Aweig	076680	2.26	Awfag	076700	4.08
60	076661	2.02	Aweke	076681	3.24	Awfal	076701	5.92
75	076662	2.75	Awekp	076682	4.34	Awfaf	076702	7.98
100	076663	3.60	Aweks	076683	5.64	Awfba	076703	10.38

WITHOUT QUICK BREAK BLADES

Single Pole			Double Pole			Triple Pole		
Cap. Amp.	Trade No.	Price Each	Code Word	Trade No.	Price Each	Code Word	Trade No.	Price Each
30	073320	.90	Awenc	073340	1.40	Awfce	073360	2.80
60	073321	1.56	Awend	073341	2.32	Awfeu	073361	4.54
75	073322	2.28	Awenk	073342	3.40	Awfda	073362	6.58
100	073323	3.12	Aweof	073343	4.66	Awfde	073363	8.90

Single Pole			Double Pole			Triple Pole		
Cap. Amp.	Trade No.	Price Each	Code Word	Trade No.	Price Each	Code Word	Trade No.	Price Each
30	073330	2.10	Aweum	073350	3.25	Awfeb	073370	6.05
60	073331	3.64	Aweur	073351	5.40	Awfek	073371	9.98
75	073332	5.32	Awfab	073352	7.80	Awfel	073372	14.72
100	073333	7.28	Awfae	073353	10.80	Awfem	073373	19.75

All three pole switches, 600 volts, D. C., with wide spacings, regularly equipped with spade handles.

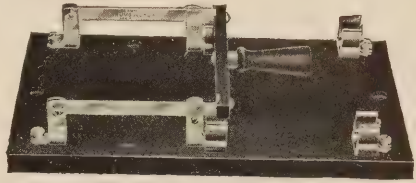
Double throw N. E. C. fused switches are fitted with high jaws.

Type C switches fitted for D. & W. Type A fuses same price as above.

TRUMBULL TYPE C SWITCHES

SINGLE, DOUBLE AND THREE POLE—600 VOLTS

For N. E. C. Fuses—With High Jaws

No. 076730 Fused Bottom,
with Quick Break BladesNo. 073690 Fused Top,
without Quick Break Blades**FRONT CONNECTED—PLAIN FINISH**EQUIPPED WITH QUICK BREAK BLADES
Fused Bottom

S. P. S. T.				D. P. S. T.				3 P. S. T.			
Cap. Amp.	Trade No.	Price Each	Code Word	Trade No.	Price Each	Code Word	Trade No.	Price Each	Code Word	Trade No.	Price Each
30	076720	\$1.68	Awaba	076730	\$2.74	Awact	076740	\$5.00	Awado		
60	076721	2.60	Awabe	076731	4.12	Awacu	076741	7.62	Awads		
75	076722	3.12	Awabo	076732	4.94	Awada	076742	9.08	Awaeb		
100	076723	4.50	Awabs	076733	6.98	Awade	076743	13.02	Awaet		

Fused Top

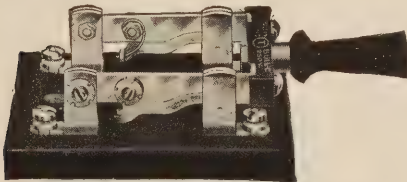
30	076750	1.75	Awabt	076760	2.80	Awaev	076770	5.06	Awaft
60	076751	2.66	Awabu	076761	4.18	Awafe	076771	7.68	Awafu
75	076752	3.22	Awaca	076762	5.04	Awafo	076772	9.18	Awaga
100	076753	4.60	Awack	076763	7.10	Awafs	076773	13.15	Awage

WITHOUT QUICK BREAK BLADES
Fused Bottom

30	073640	1.26	Awagm	073650	1.88	Awant	073660	3.72	Awarf
60	073641	2.14	Awago	073651	3.20	Awaob	073661	6.24	Awarg
75	073642	2.66	Awags	073652	4.00	Awaog	073662	7.68	Awaru
100	073643	4.00	Awahm	073653	6.00	Awaov	073663	11.55	Awash

Fused Top

30	073680	1.32	Awaje	073690	1.94	Awape	073700	3.78	Awath
60	073681	2.20	Awaka	073691	3.26	Awaph	073701	6.30	Awats
75	073682	2.76	Awako	073692	4.10	Awapu	073702	7.78	Awauc
100	073683	4.12	Awakt	073693	6.12	Awara	073703	11.66	Awaug

QUICK BREAK ATTACHMENTSFOR TYPE C SWITCH BLADES
Single Throw30 Amp. Type C Switch, with Quick Break
Attachments

Trade No.	Cap. Amp.	Price Each	Code Word
076001	30	\$0.43	Awbet
076002	60	.46	Awbex
076003	75	.47	Awbfa
076004	100	.49	Awbfe

We are prepared to equip any of our Type C Switches, from 30 amp. to 100 amp. capacity, with quick break blades.

The prices listed above are for individual quick break attachments. Thus, a double pole quick break switch requires two attachments, a three pole switch requires three attachments, and so forth.

The prices are in addition to our regular prices of Type C Switches.

Quick break attachments will be placed on 250 volt or 600 volt switches at the same price, except 15 amp. 600 volt switches, which are not made.

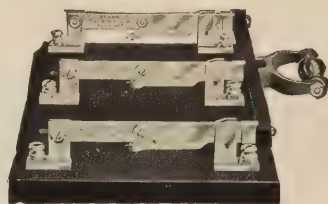
"Auxiliary breaks or the equivalent are recommended for switches designed for over 300 volts and less than 100 amperes, and will be required on switches designed for use in breaking currents greater than 100 amperes at a pressure of more than 300 volts." From rules and requirements of the National Board of Fire Underwriters.

TRUMBULL TYPE A SWITCHES

SINGLE, DOUBLE AND THREE POLE—NOT FUSED—600 VOLTS D. C.



No. 079100



No. 079200

FRONT CONNECTED—PLAIN FINISH

EQUIPPED WITH QUICK BREAK BLADES

Cap. Amp.	Trade No.	Single Pole		Single Throw Double Pole		Triple Pole	
		Price Each	Code Word	Trade No.	Price Each	Code Word	Trade No.
30	079000	\$ 1.36	Awkeb	079100	\$ 2.22	Awkir	079200
60	079001	1.82	Awken	079101	2.88	Awkip	079201
75	079002	2.26	Awkes	079102	3.60	Awkjo	079202
100	079003	3.28	Awkfo	079103	5.14	Awkju	079203
150	079004	4.36	Awkfu	079104	6.88	Awkka	079204
200	079005	4.85	Awkga	079105	7.44	Awkle	079205
300	079006	7.52	Awkib	079106	11.60	Awkma	079206
400	079007	10.80	Awkid	079107	16.60	Awkne	079207
500	079008	13.36	Awkil	079108	20.46	Awkog	079208
600	079009	15.18	Awkim	079109	23.08	Awkoj	079209
Double Throw							
30	079020	2.32	Awkur	079120	3.82	Awlan	079220
60	079021	3.08	Awkva	079121	4.92	Awlap	079221
75	079022	3.78	Awkwa	079122	6.06	Awlax	079222
100	079023	5.44	Awkyb	079123	8.52	Awlbe	079223
150	079024	7.18	Awkyf	079124	11.38	Awlbi	079224
200	079025	7.94	Awkyp	079125	12.26	Awlibu	079225
300	079026	12.66	Awkys	079126	19.56	Awlee	079226
400	079027	18.10	Awlab	079127	27.45	Awlda	079227
500	079028	22.34	Awlah	079128	34.20	Awlef	079228
600	079029	25.34	Awlaj	079129	38.68	Awlej	079229
WITHOUT QUICK BREAK BLADES							
Single Throw							
Single Pole		Double Pole		Triple Pole			
30	079010	1.00	Awlig	079110	1.50	Awlms	079210
60	079011	1.45	Awlin	079111	2.12	Awlna	079211
75	079012	1.88	Awlji	079112	2.82	Awlne	079212
100	079013	2.28	Awljo	079113	4.32	Awlno	079213
Double Throw							
30	079030	1.60	Awlju	079130	2.38	Awlnu	079230
60	079031	2.32	Awlki	079131	3.40	Awloc	079231
75	079032	3.00	Awlks	079132	4.50	Awlod	079232
100	079033	4.62	Awlku	079133	6.88	Awlog	079233

All three pole switches, 600 volts, D. C., with wide spacings, regularly equipped with spade handles.

For back connected switches, add 10%. Polished finish, add 25%. Drawn finish, add 30%. Double break, add 50%.

Front connected switches, unmounted, without slate bases, deduct 10%.

The National Board of Fire Underwriters require that all switches designed for 300 volts and above be equipped with quick break blades, 150 amp. and above, and recommend quick break blades for such switches 100 amp. and below, although they do not require them.

TRUMBULL TYPE A SWITCHES

SINGLE, DOUBLE AND THREE POLE--FOR N. E. C. FUSES 600 VOLTS, D. C.



No. 079404



No. 079504

FRONT CONNECTED---PLAIN FINISH

EQUIPPED WITH QUICK BREAK BLADES

Single Throw

Single Pole				Double Pole				Triple Pole			
Cap. Amp.	Trade No.	Price Each	Code Word	Trade No.	Price Each	Code Word	Trade No.	Price Each	Code Word		
30	079300	\$1.74	Awluf	079400	\$2.80	Awlyk	079500	\$4.55	Awmbu		
60	079301	2.38	Awlug	079401	3.88	Awlym	079501	5.88	Awmbu		
75	079302	3.50	Awlul	079402	5.46	Awlys	079502	8.64	Awmeg		
100	079303	4.16	Awlum	079403	6.44	Awmad	079503	10.40	Awmek		
150	079304	6.10	Awlus	079404	9.44	Awmal	079504	14.90	Awmep		
200	079305	6.60	Awlux	079405	10.00	Awmar	079505	15.75	Awmev		
300	079306	10.14	Awluy	079406	15.66	Awmat	079506	24.22	Awmey		
400	079307	14.55	Awlve	079407	22.22	Awmav	079507	34.54	Awmfa		
500	079308	18.36	Awlwa	079408	27.97	Awmax	079508	43.16	Awmfe		
600	079309	19.66	Awlxe	079409	28.96	Awmba	079509	46.14	Awmfk		

Double Throw

30	079320	3.72	Awmga	079420	5.94	Awmle	079520	9.75	Awmth		
60	079321	5.14	Awmge	079421	8.40	Awmoa	079521	12.76	Awmts		
75	079322	7.66	Awmgw	079422	11.88	Awmoc	079522	19.20	Awmub		
100	079323	9.06	Awmha	079423	14.02	Awmod	079523	22.90	Awmuf		
150	079324	13.32	Awmiw	079424	20.62	Awmok	079524	33.30	Awmuh		
200	079325	14.44	Awmjd	079425	21.88	Awmom	079525	35.06	Awmul		
300	079326	22.10	Awmkb	079426	34.06	Awmos	079526	54.60	Awmur		
400	079327	31.85	Awmki	079427	48.58	Awmow	079527	78.18	Awmwi		
500	079328	40.22	Awmko	079428	60.94	Awmpt	079528	98.24	Awmyk		
600	079329	43.10	Awmks	079429	65.56	Awmrn	079529	104.96	Awmyp		

WITHOUT QUICK BREAK BLADES

Single Throw

30	079310	1.38	Awmns	079410	2.08	Awnap	079510	3.46	Awnee		
60	079311	2.00	Awnah	079411	3.12	Awnav	079511	4.62	Awnda		
75	079312	3.12	Awnaj	079412	4.68	Awnew	079512	7.48	Awneb		
100	079313	3.75	Awnak	079413	5.62	Awmbi	079513	9.20	Awnel		

Double Throw

30	079330	3.00	Awnet	079430	4.50	Awntf	079530	7.60	Awngo		
60	079331	4.38	Awnew	079431	6.88	Awngs	079531	10.48	Awngb		
75	079332	6.88	Awngd	079432	10.32	Awngu	079532	16.86	Awngf		
100	079333	8.25	Awngi	079433	12.38	Awngn	079533	20.42	Awngl		

All three pole switches, 600 volts, D. C., with wide spacings, regularly equipped with spade handles.

For back connected switches, add 10%.

Polished finish, add 25%.

Drawn file finish, add 30%.

Double break, add 50%.

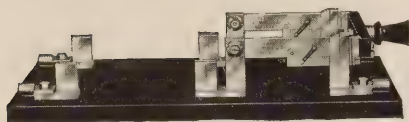
Front connected switches, unmounted, without slate bases, deduct 10%.

The National Board of Fire Underwriters require that all switches designed for 300 volts and above be equipped with quick break blades, 150 amp. and above and recommend quick break blades for such switches 100 amp. and below, although they do not require them.

TRUMBULL TYPE A SWITCHES

SINGLE, DOUBLE AND THREE POLE WITH HIGH JAWS

600 Volts, For N. E. C. Fuses



No. 079624 Fused Bottom



No. 079724 Fused Top

FRONT CONNECTED—PLAIN FINISH—ALL SINGLE THROW

EQUIPPED WITH QUICK BREAK BLADES

Fused at Bottom

Single Pole				Double Pole				Triple Pole			
Cap. Amp.	Trade No.	Price Each	Code Word	Trade No.	Price Each	Code Word	Trade No.	Price Each	Code Word	Trade No.	Price Each
30	079600	\$1.92	Awfma	079620	\$3.04	Awfub	079640	\$4.92	Awgaf		
60	079601	2.62	Awfne	079621	4.26	Awfun	079641	6.38	Awgah		
75	079602	3.76	Awfnu	079622	5.78	Awfup	079642	9.14	Awgas		
100	079603	4.52	Awfod	079623	7.06	Awfur	079643	11.35	Awgba		
150	079604	6.60	Awfom	079624	10.20	Awfyd	079644	15.90	Awgbi		
200	079605	7.10	Awfor	079625	10.82	Awfyf	079645	16.85	Awgbu		
300	079606	10.90	Awfow	079626	16.90	Awfyg	079646	25.90	Awgca		
400	079607	16.18	Awfox	079627	24.72	Awfyn	079647	38.28	Awgeo		
500	079608	20.48	Awfso	079628	31.10	Awfyx	079648	47.84	Awgde		
600	079609	22.16	Awfts	079629	33.72	Awgab	079649	52.08	Awgdu		

Fused at Top

30	079700	2.04	Awgeg	079720	3.22	Awgko	079740	5.16	Awgok
60	079701	2.76	Awgek	079721	4.44	Awgla	079741	6.62	Awgon
75	079702	3.90	Awgem	079722	6.02	Awgma	079742	9.54	Awgov
100	079703	4.80	Awget	079723	7.38	Awgme	079743	11.72	Awgru
150	079704	6.86	Awgfe	079724	10.56	Awgnh	079744	16.55	Awgsu
200	079705	7.36	Awgfo	079725	11.20	Awgni	079745	17.40	Awgub
300	079706	11.26	Awgga	079726	17.40	Awgno	079746	26.72	Awguc
400	079707	16.56	Awgid	079727	25.36	Awgnu	079747	39.04	Awguh
500	079708	21.10	Awgil	079728	31.72	Awgof	079748	48.92	Awgup
600	079709	22.80	Awgim	079729	34.60	Awgog	079749	53.16	Awgur

WITHOUT QUICK BREAK BLADES

Fused at Bottom

30	079610	1.56	Awgvo	079630	2.32	Awhas	079650	3.85	Awhia
60	079611	2.25	Awgvu	079631	3.50	Awhem	079651	5.22	Awhiv
75	079612	3.38	Awgyb	079632	5.00	Awhfu	079652	7.98	Awhma
100	079613	4.12	Awgyg	079633	6.25	Awhgi	079653	10.12	Awhmo

Fused at Top

30	079710	1.63	Awgyk	079730	2.50	Awhja	079750	4.10	Awhne
60	079711	2.38	Awgyn	079731	3.68	Awhjo	079751	5.48	Awhns
75	079712	3.50	Awhab	079732	5.25	Awhke	079752	8.36	Awhob
100	079713	4.38	Awhaf	079733	6.56	Awhlo	079753	10.50	Awhok

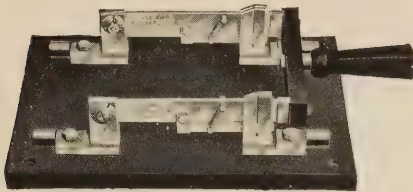
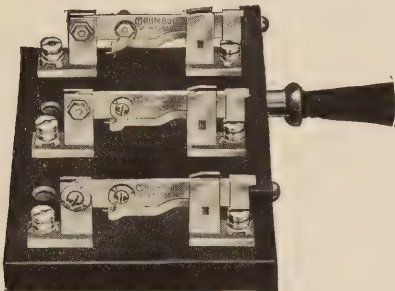
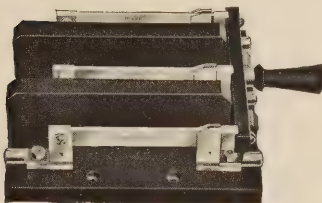
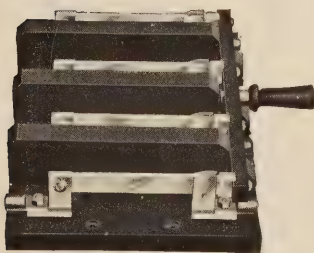
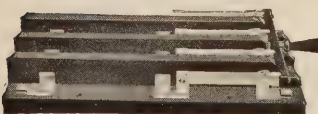
All three pole switches, 600 volts D. C. with wide spacings, regularly equipped with spade handles.

For back connected switches, add 10 %. Polished finish, add 25%. Drawn file finish, add 30%. Double break, add 50%.

Front connected switches, unmounted, without slate bases, deduct 10%.

The National Board of Fire Underwriters require that all switches designed for 300 volts and above be equipped with quick break blades, 150 amperes and above, and recommend quick break blades for such switches 100 amperes and below, although they do not require them.

TRUMBULL SWITCH ATTACHMENTS AND BARRIERS

QUICK BREAK ATTACHMENTS
FOR TYPE A SWITCH BLADES
Single ThrowQuick Break Attachment
Design Used on Larger SizesQuick Break Attachment
Design Used on Smaller SizesNo. 5003
With Slate BarriersNo. 5083
With Slate BarriersNo. 5243
With Slate Barriers

Trade No.	Cap. Amp.	PLAIN		FINISH		POLISHED	
		Price Each	Code Word	Price Each	Code Word	Price Each	Code Word
067751	15	\$0.34	Awnis	\$0.45	Awnuj		
067752	30	.36	Awniv	.48	Awnuk		
067753	60	.38	Awnja	.50	Awnup		
067754	75	.39	Awnje	.52	Awnux		
067755	100	.41	Awnjo	.55	Awnyc		
067756	150	.47	Awnka	.68	Awnyn		
067757	200	.47	Awnsk	.68	Awoad		
067758	300	.64	Awnsi	.88	Awoax		
067759	400	.80	Awnte	1.12	Awobe		
067760	500	.86	Awnuf	1.20	Awoba		
067761	600	.92	Awnuh	1.28	Awoca		
Double Throw							
067762	15	.63	Awoods	.90	Awolf		
067763	30	.72	Awoek	.96	Awolp		
067764	60	.76	Awofo	1.00	Awomb		
067765	75	.78	Awoft	1.04	Awomp		
067766	100	.82	Awoga	1.10	Awong		
067767	150	.94	Awoge	1.36	Awoom		
067768	200	.94	Awogs	1.36	Awopa		
067769	300	1.28	Awogu	1.76	Awopp		
067770	400	1.60	Awohl	2.24	Aworb		
067771	500	1.72	Awok	2.40	Awork		
067772	600	1.84	Awolb	2.56	Awors		

The prices are for individual quick break attachments and are in addition to regular prices of Type A switches.

Quick break attachments will be placed on 250 or 600 V. switches at the same price, except 15 amp. 600 V. switches, which are not made.

Auxiliary breaks or the equivalent are recommended, for switches designed for over 300 volts and less than 100 amperes, and will be required on switches designed for use in breaking currents greater than 100 amperes at a pressure of more than 300 volts.

SLATE BARRIERS

For 440 Volt A. C. Switches

Trade No.	Amp. of Switch	Not Fused		FUSED	
		Price Each	Code Word	Price Each	Code Word
067773	30	\$0.34	Awost	\$0.36	Awoxa
067774	60	.34	Awouc	.36	Awoxe
067775	75	.34	Awowl	.36	Awoym

For 600 Volt D. C. Switches

Trade No.	Amp. of Switch	Not Fused		FUSED	
		Price Each	Code Word	Price Each	Code Word
067776	30	.34	Awpbu	.36	Awpfe
067777	60	.34	Awpdo	.36	Awpgi
067778	75	.34	Awpef	.36	Awpgu
067779	100	.36	Awpem	.36	Awpha
067780	150	.36	Awpes	.36	Awphi
067781	200	.36	Awpev	.36	Awpip
067782	300	.36	Awpew	.36	Awpija

For 440 Volt D. C. N. E. C. Fused Switch with High Jaws

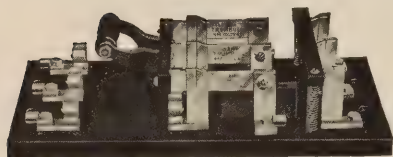
Trade No.	Amp. of Switch	FUSED BOTTOM		FUSED TOP	
		Price Each	Code Word	Price Each	Code Word
067783	30	\$0.54	Awoyo	\$0.60	Awpan
067784	60	.54	Awpac	.54	Awpap
067785	75	.51	Awpaj	.60	Awpax

For 600 Volt D. C. N. E. C. Fused Switch With High Jaws

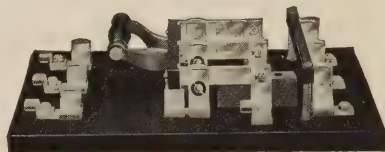
Trade No.	Amp. of Switch	FUSED BOTTOM		FUSED TOP	
		Price Each	Code Word	Price Each	Code Word
067786	30	.54	Awpka	.60	Awpni
067787	60	.54	Awpla	.54	Awpno
067788	75	.54	Awplu	.60	Awpnu
067789	100	.54	Awpmb	.66	Awpob
067790	150	.54	Awpmat	.66	Awpog
067791	200	.54	Awpna	.66	Awpol
067792	300	.54	Awpne	.66	Awpot

Above prices are for each barrier.

TRUMBULL MOTOR STARTING SWITCHES



No. 081325



No. 081375

TYPE A, FOR N. E. C. FUSES ON ONE END ONLY

For 250 Volts												
D. P. D. T				3 P. D. T.			4 P. D. T.					
Cap. Amp.	Trade No.	Price Each	Code Word	Trade No.	Price Each	Code Word	Trade No.	Price Each	Code Word	Trade No.	Price Each	Code Word
30	081300	\$4.50	Awbgh	081305	\$6.50	Awcde	081310	\$9.00	Awcki			
60	081301	5.80	Awbgi	081306	8.50	Awceg	081311	11.60	Awclo			
100	081303	9.40	Awbgo	081308	14.20	Awcep	081313	18.80	Awcme			
For 440 Volts												
30	081320	8.60	Awamp	081325	12.75	Awcig	081330	17.20	Awcob			
60	081321	9.25	Awamu	081326	13.60	Awcik	081331	18.50	Awcol			
100	081323	10.00	Awani	081328	15.00	Awcjo	081333	20.00	Awcon			

Posts are front connected. For back connected middle posts, add \$.08 each for 30 amp. \$.14 each for 60 amp., \$.24 each for 100 amp. 250 volt switches. For 440 A. C. switches add \$.16 each for 30 amp. and \$.24 each for 60 and 100 amp. switches.

TYPE C, FOR N. E. C. FUSES ON ONE END ONLY

For 250 Volts												
30	081350	3.40	Awcpa	081355	5.00	Awcyp	081360	6.80	Awdbb			
60	081351	5.80	Awcta	081356	8.50	Awdae	081361	11.60	Awdbi			
100	081353	8.86	Awcun	081358	13.20	Awdam	081363	18.00	Awdbo			
For 440 Volts												
30	081370	7.80	Awcus	081375	11.50	Awdap	081380	15.60	Awdbu			
60	081371	9.00	Awcvu	081376	13.50	Awdar	081381	18.00	Awdca			
100	081373	9.50	Awcyd	081378	14.00	Awdas	081383	19.00	Awdeu			

The starting current of an A. C. motor is practically 3 times the normal running load and when the controlling switch is fused to carry running load only, the fuses are apt to blow when motor is started.

This switch is designed to meet this difficulty.

The motor is started on unfused contact; the blades are to be held against spring pressure for a few seconds until speed is up, when switch is thrown in to fused end which carries normal load.

The two outgoing ends of switch are connected on back by copper straps, placed in grooves in slate, so that load can be taken from either end of switch. Thus only six wires (3 incoming and 3 outgoing) are needed on a 3 pole switch, eight wires on a 4 pole etc.

Angle spade handle is so constructed that you can throw switch without twisting hand and gives good clearance over fuses.

Posts are front connected. For back connected middle posts, add \$.10 each for 30 amp. \$.18 each for 60 amp., \$.32 each for 100 amp. 250 volt D. C. switches. For 440 volt A. C. add \$.18 each for 30 amp. and \$.32 each for 60 and 100 amp. switches.

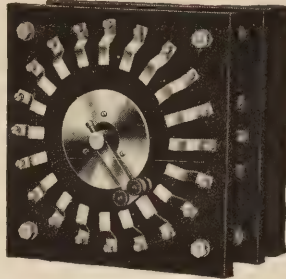
30, 60 and 100 amp., 250 volt switches made of regular stock.

30, 60 and 100 amp., 440 volt A. C. switches made of 100 amp. stock, but take regular 30, 60 and 100 amp. fuses.

TRUMBULL SWITCHES AND RECEPTACLES



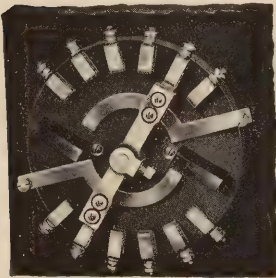
No. 6161 Front View



No. 6161 Rear View



No. 6167 Front View



No. 6167 Rear View

AMMETER SWITCHES

Trade No.	Mfrs. No.	No. Points	Price Each	Code Word
068625	6160	9	\$45.00	Ayfe
068626	6161	20	70.00	Ayfb

This ammeter switch has perfect contact, and practically zero resistance. May be used with an ammeter and a various numbers of shunts without special calibration as usually required. The switch is adapted for switchboards of any thickness. Ordinary voltmeter switch should never be used in place of an ammeter switch.

VOLTMETER SWITCHES

Trade No.	Mfrs. No.	No. Points	Price Each	Code Word
068627	6165	3	11.80	Ayfe
068628	6166	4	12.20	Ayfm
068629	6167	5	12.40	Ayft
068630	6168	6	12.60	Ayfg
068631	6169	7	12.80	Ayfo

VOLTMETER PLUGS

4 Point				
Trade No.	Mfrs. No.	Price Each	Code Word	
068632	6120	\$3.00	Ayfh	

VOLTMETER RECEPTACLES

Trade No.	Mfrs. No.	Price Each	Code Word
068633	6122	.80	Ayfu

AMMETER PLUGS

Trade No.	Mfrs. No.	Price Each	Code Word
068634	6124	7.00	Ayfd

The ammeter plug is used in connection with a number of current transformers and one ammeter.

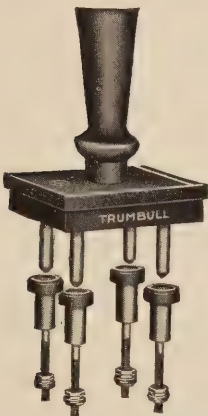
CUT-AROUND SWITCHES

Single Pole, Single Throw, Plain Finish

Trade No.	Mfrs. No.	Amp.	Price Each	Code Word
068635	8228	30	\$ 2.05	Ayfi
068636	8229	60	2.25	Ayfg
068637	8230	75	2.80	Ayfn
068638	8231	100	4.40	Ayfi
068639	8232	200	6.00	Ayfo
068640	8233	300	9.00	Ayfk
068641	8234	400	14.00	Ayfo
068642	8235	600	17.00	Ayfm

For 2 or 3 phase, 220 volt power installations or for 220 V. D. C. circuits.

Two lugs on each terminal, one lug slotted to facilitate its easy removal. Ammeter or other test instrument can be cut in without shutting off current.

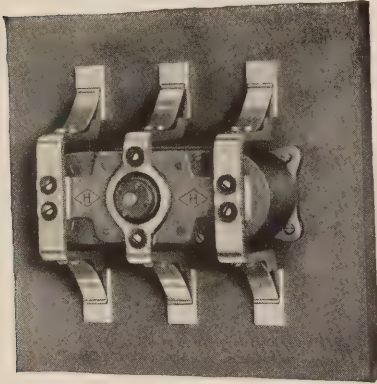
4 Point Voltmeter Plug with
4 Receptacles

No. 6124



No. 8230

REMOTE CONTROL SWITCHES



No. 79 Type F-1

TYPE F-1 REMOTE CONTROL SWITCHES

Double Pole—Single Throw

Trade No.	Mfrs. No.	Cap. Amps.	Price Each
045481	73	5-25	\$36.00
045482	74	50	48.00
045483	75	75	60.00
045484	76	100	93.60
045485	77	150	108.00
045486	78	200	122.40

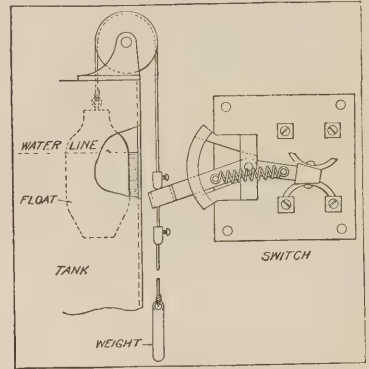
Double Pole—Double Throw

Trade No.	Mfrs. No.	Cap. Amps.	Price Each
045487	85	50	90.00
045488	86	100	120.00
045489	87	200	160.00

The above remote control switches are for operation on direct or alternating current for potentials not exceeding 250 volts D. C. or 440 volts A. C.

This type of remote control switch is suited for all classes of service where it is expedient to install magnetically operated switches. The locking mechanism and magnets are entirely inclosed in an iron housing and its positive action, rigid construction, and compactness of design mark a very decided improvement in the manufacture of this class of apparatus.

The switch may be operated either by push button or automatic control circuit closers, operating at line potential or otherwise, its use permitting the instant control of lights or other electrical devices from any desired number of points.



No. 72 Tank Switch

Triple Pole—Single Throw

Trade No.	Mfrs. No.	Cap. Amps.	Price Each
045490	79	5-25	\$43.20
045491	80	50	54.00
045492	81	75	67.20
045493	82	100	108.00
045494	83	150	124.80
045495	84	200	139.20

Triple Pole—Double Throw

Trade No.	Mfrs. No.	Cap. Amps.	Price Each
045496	88	50	105.00
045497	89	100	135.00
045498	90	200	175.00

No. 9 MOMENTARY CONTACT SWITCHES



No. 9

Trade No.	Mfrs. No.	Price Each
045623	9	\$3.50

This switch is arranged so that when the button is pressed a snap contact is made and a snap break is obtained when button is released. It fits a standard wall case, uses a standard gang plate, and can be furnished either push button or key.

PRESSURE GAUGES

Trade No.	Mfrs. No.	Price Each
045624	71	50.00

Pressure gauges may be adjusted to operate our remote control switch on or off within a range of 3 lbs. over their entire scale; guaranteed absolutely reliable on either air, steam or water under severe conditions of use.

TANK SWITCHES

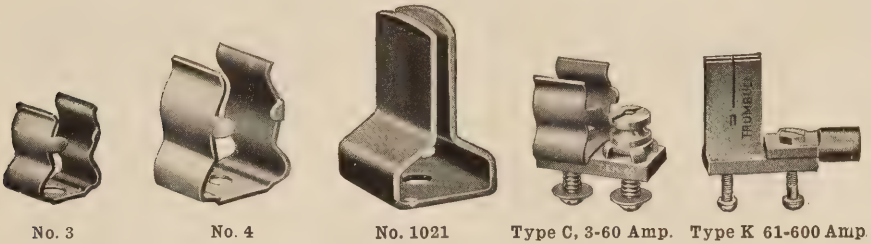
Trade No.	Mfrs. No.	Price Each
045625	72	25.00

The tank switch has an earthenware float not affected by acids or alkalis. The switch is double throw, having a capacity of 10 amperes at either 220 or 110 volts, and may be used as a high or low water alarm, to control motors within its capacity or control the remote control switch.



No. 71

TRUMBULL CLIPS AND CONTACTS



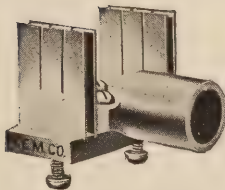
No. 3

No. 4

No. 1021

Type C, 3-60 Amp. Type K 61-600 Amp.

STANDARD FUSE CLIPS, PLAIN FINISH



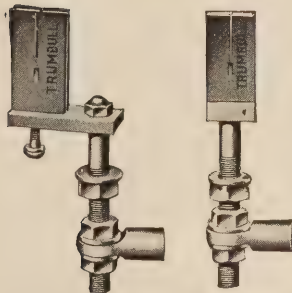
Type K, 601-1200 Amp.

Trade No.	Mfrs. No.	CAPACITY Amp. Volts	Wt. Lbs. Std. Pkg.*	PRICE EACH Plain Polished	Code Word
068581	3	3-30 250	1 1/4	\$0.03 \$0.04	Ayeon
055018	103	3-30 600	1 3/4	.06 .075	Bfxis
068582	4	31-60 250	3 1/4	.065 .08	Ayeph
055019	104	31-60 600	3 3/4	.09 .11	Bfxiv
068583	1021	61-100 250	8 1/4	.14 .175	Ayepo
068584	1022	61-100 600	8 3/4	.14 .175	Ayept

*Standard Package, 100

CONTACTS, WITH LUGS, PLAIN FINISH

Front Connected

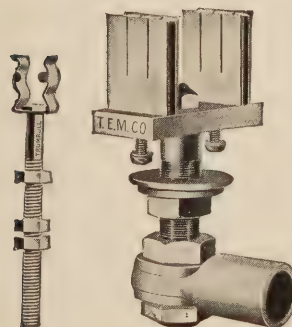
Style B, Type K
Extended BlockStyle A, Type K
Square Block

Trade No.	Mfrs. No.	Type	Amp.	PRICE EACH Plain Polished	Code Word
068585	*1048	C	3-30	\$0.20* \$0.26*	Ayesh
068586	1049	C	31-60	.32 .40	Ayeth
068587	1050	K	61-75	.37 1/2 .46	Ayeuf
068588	1051	K	76-100	.50 .64	Ayeul
068589	1052	K	101-200	.80 1.00	Ayeum
068590	1053	K	201-400	1.90 2.25	Ayeur
068591	1054	K	401-600	2.50 2.90	Ayfab
068592	1055	K	601-800	4.10 4.80	Ayfae
068593	1056	K	801-1200	5.25 6.25	Ayfal

*Has no lugs.

The above front connected contacts are furnished with screws for bases 1/2 inch thick, unless otherwise specified.

Back Connected

Type C,
3-60 Amp.Type K
601-1200 Amp.

Trade No.	Mfrs. No.	Type	Amp.	Lgth. Stud Inches	PRICE EACH Plain Polished	Code Word
068594	*1070	C	3-30	3 1/8	\$0.20* \$0.25*	Ayfas
068595	1071	C	31-60	3 1/4	.34 .40	Ayfba
068596	1072	K	61-75	3 3/4	.60 .66	Ayfbe
068597	1073	K	76-100	3 3/8	.80 .90	Ayfbo
068598	1074	K	101-200	3 3/4	1.20 1.40	Ayfbu
068599	1075	K	201-400	3 3/4	2.80 3.20	Ayfca
068600	1076	K	401-600	4	4.00 4.50	Ayfce
068601	1077	K	601-800	5 1/4	7.50 8.20	Ayfcu
068602	1078	K	801-1200	5 1/2	10.00 11.00	Ayfd a

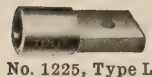
*Has no lugs.

Prices of Type K contacts apply to either extended or square blocks. Extended blocks not made above 600 amperes.

Fuse holders for back connection are furnished with lugs, lug nuts and studs for bases 1 inch thick unless otherwise specified.

TRUMBULL LUGS

TYPE L



No. 1225, Type L



No. 1231, Type L



No. 1249, Type N



No. 1238, Type M

Trade No.	Mfrs. No.	Amp.	Capacity of Wire Hole	Size of Hole Ins	Std Pkg.	Price Each	PLAIN Code Word	Price Each	POLISHED Code Word
065644	1221	60	No. 4	$\frac{1}{4}$	100	\$0.062	Atuar	\$0.10	Atuet
065645	1222	75	No. 3	$\frac{5}{16}$	100	.086	Atuba	.126	Atufe
065646	1223	100	No. 0	$\frac{3}{8}$	100	.142	Atubi	.212	Atufo
065647	1224	150 } 200 }	0000	$\frac{9}{16}$	75	.24	Atubo	.35	Atuft
065648	1225	250 } 300 }	325,000 CM Cable	$\frac{11}{16}$	75	.42	Atubs	.62	Atugh
065649	1226	400	425,000 CM	$\frac{3}{4}$	50	.76	Atucu	1.00	Atugi
065650	1227	500 } 600 }	750,000 CM Cable	1	50	1.06	Atudd	1.30	Atuhl
065651	1228	800 } 1000 }	1,000,000 CM Cable	$1\frac{1}{4}$	25	2.10	Atude	2.50	Atuho
065652	1229	1200	1,500,000 CM Cable	$1\frac{1}{2}$	25	3.00	Atudo	3.50	Atuhm
065653	1230	1500	Two 1,000,000 CM Cables	$1\frac{1}{2}$	10	6.00	Atudu	7.00	Atuhr
065654	1231	2000	Two 1,500,000 CM Cables	$1\frac{1}{2}$	10	8.50	Atuef	10.00	Atuja

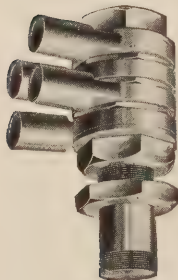
TYPE N



No. 1241, Type M

065655	1245	30	.....	..	100	.032	Atuke	.062	Atunk
065656	1246	60	No. 4	$\frac{1}{4}$	100	.062	Atulf	.10	Atuns
065657	1247	75	No. 3	$\frac{5}{16}$	100	.086	Atulk	.126	Atunx
065658	1248	100	No. 0	$\frac{3}{8}$	100	.142	Atulp	.212	Atuof
065659	1249	150 } 200 }	0000	$\frac{9}{16}$	75	.24	Atumo	.35	Atuom
065660	1250	250 } 300 }	325,000 CM Cable	$\frac{11}{16}$	75	.42	Atump	.62	Atupa
065661	1251	400	425,000 CM	$\frac{3}{4}$	50	.76	Atumu	1.00	Atupe
065662	1252	500 } 600 }	750,000 CM Cable	1	50	1.06	Atung	1.30	Atuph

TYPE M

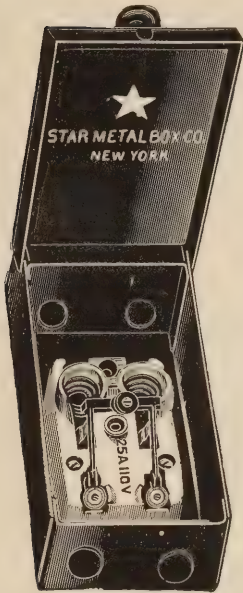
No. 8723
3 Lugs RequiredNo. 8724
4 Lugs Required

Trade No.	Mfrs. No.	Amp.	Capacity of Wire Hole	SIZE INCHES Wire Hole	SIZE INCHES Stud Hole	Price Each	Code Word
065663	1232	60	No. 4	$\frac{1}{4}$	$\frac{3}{8}$	\$0.062	Aturb
065664	1233	75	No. 3	$\frac{5}{16}$	$\frac{3}{8}$	.086	Aturg
065665	1234	100	No. 0	$\frac{3}{8}$	$\frac{1}{2}$	.142	Aturl
065666	1235	150 } 200 }	No. 0000	$\frac{9}{16}$	$\frac{1}{2}$	.24	Aturm
065667	1236	250 } 300 }	325,000 CM Cable	$\frac{11}{16}$	$\frac{1}{2}$	.42	Aturs
065668	1237	400	425,000 CM	$\frac{3}{4}$	$\frac{1}{2}$	.76	Atusu
065669	1238	500 } 600 }	750,000 CM Cable	1	1	1.06	Atuth
065670	1239	800 } 1000 }	1,000,000 CM Cable	$1\frac{1}{4}$	$1\frac{1}{8}$	2.10	Atuva
065671	1240	1200	1,500,000 CM Cable	$1\frac{1}{2}$	$1\frac{1}{4}$	3.00	Atuwe
065672	1241	1500	Two 1,000,000 CM Cables	$1\frac{1}{4}$	$1\frac{3}{8}$	6.00	Atuxi
065673	1242	2000	Two 1,500,000 CM Cables	$1\frac{1}{2}$	$1\frac{3}{8}$	8.50	Atuya

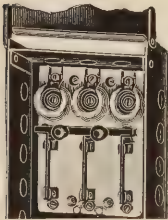
SINGLE HOLE CABLE LUGS

Trade No.	Mfrs. No.	Amp.	No. Lugs per Stud	Capacity Wire Hole	SIZE INCHES Wire Hole	SIZE INCHES Stud Hole	Price Each	Code Word
065674	8720	1500	1	1,000,000 CM	$1\frac{1}{4}$	$1\frac{3}{16}$	\$3.75	Atvae
065675	8721	2000	2	1,000,000 CM	$1\frac{1}{4}$	$1\frac{1}{8}$	4.20	Atvak
065676	8722	2500	2	1,000,000 CM	$1\frac{1}{4}$	$2\frac{1}{16}$	4.50	Atva!
065677	8723	3000	3	1,000,000 CM	$1\frac{1}{4}$	$2\frac{1}{16}$	4.80	Atvam
065678	8724	4000	4	1,000,000 CM	$1\frac{1}{4}$	$2\frac{1}{16}$	5.40	Atvat

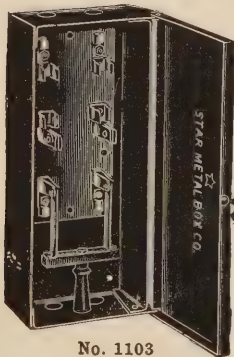
STAR STEEL SERVICE CABINETS



No. 1701



No. 1703



No. 1103



Kick Plate

STAMPED STEEL ENTRANCE CABINETS

Complete with Plug Fuse Switches

Trade No.	Mfrs. No.	Capacity Amperes	Volts	Price Each
079175	1701	30 D. P.	125	\$2.00
079176	1703	30 T. P.	125-250	2.75

Cabinets Only

Trade No.	Mfrs. No.	Dimensions Inches	Price Each
079177	1701	4½ x 9 x 3	\$0.88
079178	1703	6½ x 10 x 3	1.25

PRESSED STEEL SERVICE CABINETS

All boxes furnished for high-jawed switches with fuses handle end, unless otherwise specified. All boxes furnished with a sufficient number of knockouts for ½-inch conduit to permit their use on either open or conduit work. When ordering specify size of conduits otherwise they will be furnished with ½-inch knockouts. Boxes complete with switches furnished at reasonable prices.

For N. E. C. Slate Base Fused Knife Switches

Trade No.	Mfrs. No.	Capacity Amperes	Dimensions Inches	Price Each
079179	1101	30 D. P.	13 x 5½ x 3½	\$1.35
079180	1102	30 T. P.	13 x 7 x 3½	1.50
079181	1103	50 D. P.	16 x 6 x 4	1.75
079182	1104	50 T. P.	16 x 9 x 4	2.13
079183	1105	75 D. P.	20 x 6 x 4	3.14
079184	1106	75 T. P.	20 x 9 x 4	4.39
079185	1107	100 D. P.	22 x 7 x 5	4.50
079186	1108	100 T. P.	22 x 10 x 5	4.95
079187	1109	150 D. P.	25 x 8 x 6	5.10
079188	1110	150 T. P.	25 x 10 x 6	5.63

The above prices do not include switches.

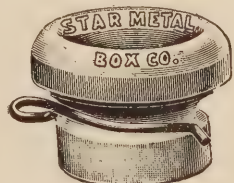
PORCELAIN BUSHINGS

For use on open work. Will fit ½-inch and 1-inch standard pipe holes. Prices include brass springs.

Trade No.	Mfrs. No.	Inside Diam. Inches	Price Each
079189	1901	5/16	\$0.05
079190	1902	9/16	.05
079191	1903	3/4	.03

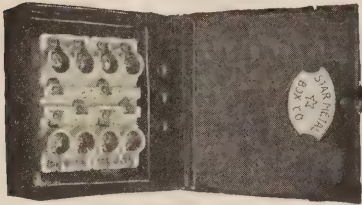
PRESSED STEEL KICK PLATES

Trade No.	Molding Size	Price per 100
079192	A 2	\$12.50
079193	B 2	12.50



Bushings

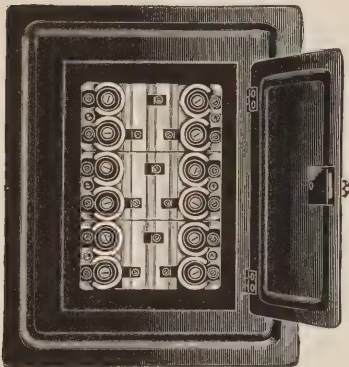
STAR TYPE CUT-OUT CABINETS



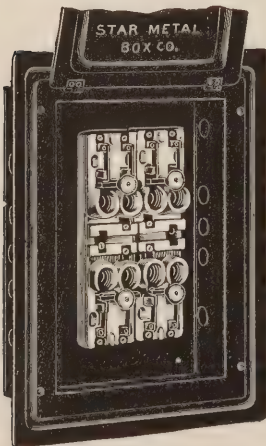
Type A



Type A



Type B—No. 2005



Type B—No. 2014

TYPE A, FOR SURFACE WORK

These cabinets are constructed of No. 16 U. S. gauge steel and are formed up of one piece, making them perfectly rigid. All four sides of the cover lap over the edges of the bodies, which makes them dustproof. They have an automatic spring catch and are baked in a high quality black enamel.

For screwed-on covers, add 10 per cent to prices given below.

For lock and key, add 35 cents net.

For Plug Cut-Outs				
Trade No.	Mfrs. No.	No. Circuits	Size Inches	Price Each
079234	1000	..	4½x 6x3	\$0.75
079235	1001	..	4½x 9x3	.88
079236	1002	..	6x 6x3	.88
079237	1003	2	6x 9x3	1.00
079238	1004	4	8x 9x3	1.25
079239	1005	6	12x 9x3	1.60
079240	1006	8	15x 9x3	1.95
079241	1007	10	18x 9x3	2.15
079242	1008	12	21x 9x3	2.50
079243	1009	14	24x 9x3	2.83
For Panel Cut-Outs				
079244	1010	..	6½x10x3	1.25
079245	1011	..	6x11x3½	1.58
079246	1012	..	12x 9x4	1.75
079247	1013	2	16x 6x4	1.75
079248	1014	4	16x 9x4	2.15
079249	1015	6	16x12x4	2.60
079250	1016	8	16x15x4	3.03
079251	1017	10	16x18x4	3.45
079252	1018	12	16x21x4	3.70
079253	1019	14	16x24x4	3.93

TYPE B, FOR FLUSH WORK

These cabinets have a removable trim and door which have an ornamental beading, giving the effect of a panel door. The doors are furnished with either a lock and two keys or a cupboard catch. The trims and doors are baked in a high quality black enamel.

Special prices quoted on Type B trims with white enamel, oxidized copper, oak or marbled finish.

For Plug Cut-Outs				
Trade No.	Mfrs. No.	No. Circuits	Size Inches	Price Each
079254	2001	..	4½x 9x3	\$3.00
079255	2002	..	6x 6x3	3.00
079256	2003	2	6x 9x3	3.25
079257	2004	4	8x 9x3	3.63
079258	2005	6	12x 9x3	4.40
079259	2006	8	15x 9x3	5.00
079260	2007	10	18x 9x3	5.60
079261	2008	12	21x 9x3	6.00
079262	2009	14	24x 9x3	6.45
For Panel Cut-Outs				
079263	2010	..	6½x10x3	3.50
079264	2011	..	11x 6x3½	3.80
079265	2012	..	12x 9x4	4.70
079266	2013	2	16x 6x4	4.70
079267	2014	4	16x 9x4	5.25
079268	2015	6	16x12x4	6.10
079269	2016	8	16x15x4	7.00
079270	2017	10	16x18x4	7.70
079271	2018	12	16x21x4	8.25
079272	2019	14	16x24x4	8.70

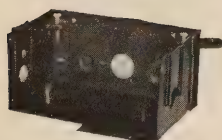
Above prices do not include cut-outs or switches.

All cabinets furnished with sufficient number of knockouts for ½-inch conduit.

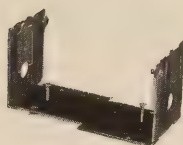
For prices of cabinets not listed, add 10 per cent to list price of next larger size.

SECTIONAL STEEL PANEL BOXES

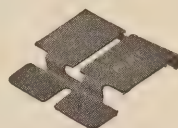
NATIONAL ELECTRICAL CODE STANDARD



No. 4513

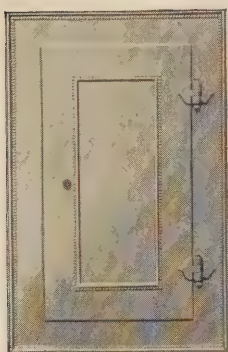


No. 4514

No. 5213- $\frac{1}{2}$ SizeHolder for Types
G and K Boxes

TYPE G SECTIONAL BOXES

Trade No.	Mfrs. No.	No. Circuits	Std. Pkg.	Price Each	Code Word
042429	4513	End	40	\$1.20	Ahung
042430	4514	Middle	40	.60	Ahunk
Fronts with 1 Door					
042431	4540	4	10	3.00	Ahuns
042432	4541	6	10	3.60	Ahunx
042433	4542	8	10	4.20	Ahuof
042434	4543	10	10	4.80	Ahuom
Fronts with 2 Doors					
042435	4544	12	10	5.40	Ahupa
042436	4545	14	10	6.00	Ahupe
042437	4546	16	10	6.60	Ahuph
042438	4547	18	10	7.20	Ahurb
042439	4548	20	10	7.80	Ahurg



No. 4542

The Type G sectional boxes are for plug cut-outs, 125V. single branch panel cut-outs, Types A and B panelettes.

The boxes are $4\frac{1}{4}$ inches deep, the cut-out holder is $\frac{3}{8}$ -inch high, so there remains a clearance of $3\frac{3}{8}$ inches. The sections are $8\frac{1}{2}$ inches long, so when assembled they make of that width.

SLIDES FOR FLEXIBLE LOOM

Trade No.	Mfrs. No.	Std. Pkg.	Price Each	Code Word
042440	5213	50	\$0.12	Ahurl

ASSEMBLED STEEL PANEL BOXES

			Type D			
Trade No.	Mfrs. No.	No. Cir.	Length Inches	Std. Pkg.	Price Each	Code Word
042441	4061	4*	10 $\frac{1}{4}$	10	\$9.60	Ahurm
042442	4062	6*	13 $\frac{1}{2}$	10	12.00	Ahurs
042443	4063	8*	16 $\frac{3}{4}$	10	14.40	Ahusu
042444	4064	10*	20	10	16.80	Ahuth
042445	4065	12*	23 $\frac{1}{4}$	5	19.20	Ahuvu
042446	4066	14*	26 $\frac{1}{2}$	5	21.60	Ahuwe

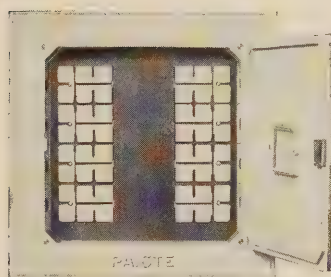
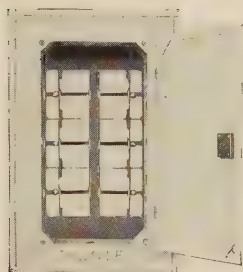
For panel cut-outs, Type C panelettes, and panel cut-outs for rotary switches.

Type A

Trade No.	Mfrs. No.	No. Cir.	Length Inches	Std. Pkg.	Price Each	Code Word
042447	4160	4*	$10\frac{1}{2}$	10	7.40	Ahuxi
042448	4161	6*	$13\frac{1}{2}$	10	8.80	Ahuya
042449	4162	8*	$16\frac{3}{4}$	10	10.20	Ahvae
042450	4163	10*	20	10	11.60	Ahvak
042451	4164	12*	$23\frac{1}{4}$	5	13.00	Ahval
042452	4165	14*	$26\frac{1}{2}$	5	14.40	Ahvam
042453	4166	16*	$29\frac{3}{4}$	5	15.80	Ahvat

For plug cut-outs, 125 V. single branch panel cut-outs and Type A and B panelettes.

*NOTE: These capacities are for panel cut-outs only. For use with panelettes longer boxes are necessary, so compare length of box as given above with length of required panelettes and select proper box allowing about $2\frac{3}{4}$ inches extra for wiring room.

No. 4063 - $\frac{1}{10}$ SizeNo. 4161 - $\frac{1}{10}$ Size

SECTIONAL STEEL PANEL BOXES

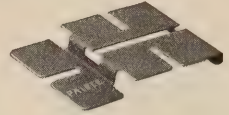
NATIONAL ELECTRICAL CODE STANDARD



No. 4510—1-10 Size

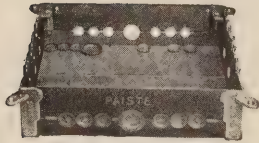


No. 4511—1-10 Size



Universal Cut-Out Holder

TYPE H BOXES



Showing 2 Ends and 1 Middle, assembled, making a 6-Circuit Box

Sections

Trade No.	Mfrs. No.	No. Circuits	Std. Pkg.	Price Each	Code Word
042454	4510	End	10	\$2.00	Hnah
042455	4511	Middle	10	1.00	Hnai



Showing 2 Holders in place on No. 4015 Panel Cut-Out

Fronts with 1 Door

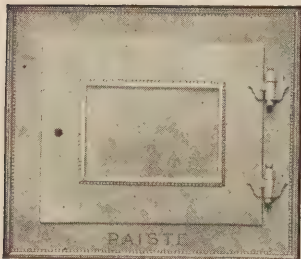
042456	4530	4	10	4.80	Hnak
042457	4531	6	10	6.00	Hnap
042458	4532	8	10	7.20	Hnav
042459	4533	10	10	8.40	Hnaw
042460	4534	12	10	9.60	Hnbi
042461	4535	14	10	10.80	Hnce

Front with 2 Doors

042462	4536	16	10	12.00	Auaba
042463	4537	18	10	13.20	Auabe
042464	4538	20	10	14.40	Auabo



Showing No. 4015 in place in End Section



No. 4531

The Type H boxes are for Paiste double branch panel cut outs. Type C panelettes and panel cut outs for rotary switches.

The boxes are $4\frac{1}{4}$ inches deep, the cut out holder is $\frac{3}{8}$ -inch high, so there remains a clearance of $3\frac{7}{8}$ inches. The sections are 16 inches long, so when assembled they make a box of that width.

The method of making up the above sectional panel boxes is very simple. All sections are interchangeable. By taking two end sections a four circuit box can be made; two ends and one middle section, a six circuit box can be made, and so on.

All openings in top and sides of box are closed by slides, making the fastening of pipes to the box very easily.

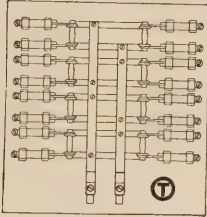
For use with any style of non-metallic flexible conduit, special form of slide to be used with these boxes have been provided. These slides are interchangeable with the regular slides.

TRUMBULL PANEL BOARDS

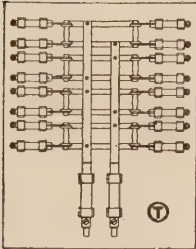
FOR NATIONAL ELECTRIC CODE ENCLOSED FUSES

TYPE ES—2 TO 2 WIRE, FUSES WITH KNIFE SWITCHES IN BRANCHES

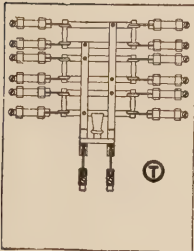
With Main Lugs



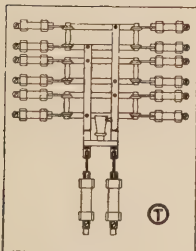
No. 055322



No. 055363



No. 055402



No. 055442

Panel Only							CABINET COMPLETE WITH PANEL SLATE FRAME—3-IN. GUTTER		
Trade No.	No. Ckts.	Length Ins.	Price Each	Slate Frame	Door Lining	*Term. Cap. Amp.	FLUSH OR SURFACE (STEEL)		Flush Wood Steel Lined
							Grade A	Grade C	
055320	2	7	\$5.64	\$2.56	\$0.84	....	\$23.26	\$20.86	\$27.96
055321	4	10	8.64	2.76	1.02	....	27.76	25.12	32.86
055322	6	12½	12.15	2.98	1.36	....	32.06	29.80	38.02
055323	8	14½	15.76	3.12	1.60	....	36.96	34.28	42.80
055324	10	16	19.08	3.24	1.72	....	41.00	38.18	46.90
055325	12	20	22.50	3.66	2.18	....	46.56	43.38	52.36
055326	14	23	25.88	3.90	2.44	....	51.48	48.12	57.02
055327	16	24	29.52	3.98	2.56	....	55.62	52.24	61.26
055328	18	23	33.28	4.36	3.06	....	61.60	57.98	67.58
055329	20	30	37.35	4.48	3.30	....	66.68	62.90	72.58
055330	22	33	40.18	4.72	3.60	....	71.46	67.10	77.22
055331	24	35	45.00	4.92	3.96	....	77.56	72.86	83.28

Fuses in Mains

055360	2	10	7.00	2.76	1.02	30	26.12	23.48	31.22
055361	4	12½	9.54	2.98	1.36	30	29.44	27.18	35.40
055362	6	16	13.42	3.24	1.72	60	35.34	32.52	41.24
055363	8	18	16.94	3.46	1.96	60	40.04	37.00	45.74
055364	10	20	20.32	3.66	2.18	60	44.38	41.20	50.18
055365	12	26	24.75	4.14	2.84	75	51.90	48.36	57.70
055366	14	30	28.80	4.48	3.30	100	58.12	54.34	64.02
055367	16	33	32.46	4.72	3.60	100	63.74	59.38	69.50
055368	18	38	37.80	5.10	4.30	150	71.82	67.36	77.68
055369	20	38	41.58	5.10	4.30	150	75.60	71.14	81.66
055370	22	41	46.45	5.32	4.50	150	82.08	77.38	88.30
055371	24	44	49.28	5.52	4.75	150	86.32	81.52	92.76

Switch in Mains

055400	2	12½	9.00	2.96	1.36	30	28.88	26.62	34.84
055401	4	14½	11.25	3.12	1.60	30	32.46	29.78	38.30
055402	6	20	14.94	3.66	2.18	60	39.00	35.82	44.80
055403	8	21	18.36	3.74	2.26	60	42.90	39.76	48.70
055404	10	24	22.14	3.98	2.56	60	48.24	44.86	53.88
055405	12	28	26.14	4.36	3.06	75	54.46	50.84	60.44
055406	14	30	31.32	4.48	3.30	100	60.64	56.86	66.54
055407	16	33	34.38	4.72	3.60	100	65.66	61.30	71.42
055408	18	41	40.50	5.32	4.50	150	76.12	71.42	82.34
055409	20	41	44.46	5.32	4.50	150	80.08	75.38	86.30
055410	22	44	48.45	5.52	4.75	150	85.50	80.70	91.94
055411	24	48	52.36	5.82	5.06	150	91.48	86.38	98.22

Fused Switch in Mains

055440	2	12½	9.70	2.98	1.36	30	29.60	27.34	35.56
055441	4	14½	11.88	3.12	1.60	30	33.08	30.40	38.92
055442	6	20	16.74	3.66	2.18	60	40.80	37.62	46.60
055443	8	21	20.25	3.74	2.26	60	44.80	41.66	50.60
055444	10	24	23.40	3.98	2.56	60	49.50	46.12	55.14
055445	12	30	27.90	4.48	3.30	75	57.84	53.96	63.52
055446	14	33	34.70	4.72	3.60	100	66.64	62.18	72.16
055447	16	35	37.08	4.92	3.96	100	78.30	65.46	75.80
055448	18	41	43.38	5.32	4.50	150	80.46	75.44	86.18
055449	20	44	47.42	5.52	4.75	150	85.96	80.86	91.88
055450	22	46	51.48	5.68	4.90	150	91.18	85.98	97.10
055451	24	48	55.26	5.82	5.06	150	95.98	90.42	102.16

*Terminal capacity amperes is for fuses or for terminal switch.

All the above panels are 14 inches wide.

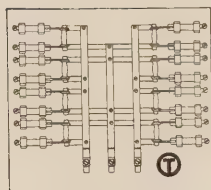
In ordering, be sure to follow instructions on the first page of panel board listings, to insure prompt shipment of orders.

TRUMBULL PANEL BOARDS

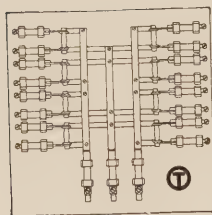
FOR NATIONAL ELECTRIC CODE ENCLOSED FUSES

TYPE ES—3 TO 2 WIRE, WITH KNIFE SWITCHES IN BRANCHES

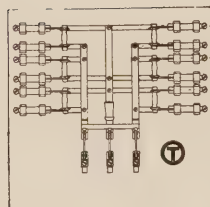
With Main Lugs



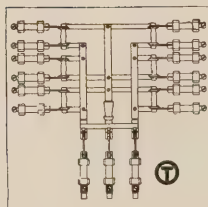
No. 055343



No. 055383



No. 055422



No. 055462

Panel Only						CABINET COMPLETE WITH PANEL SLATE FRAME—3-IN. GUTTER			
Trade No.	No. Ckts.	Length Ins.	Price Each	Slate Frame	Door Lining	*Term. Cap. Amp.	FLUSH OR SURFACE (STEEL)		Flush Wood Steel Lined
							Grade A	Grade C	
055340	2	7	\$6.10	\$2.56	\$0.84	....	\$23.72	\$21.32	\$28.48
055341	4	10	9.26	2.76	1.02	....	28.38	25.74	33.48
055342	6	12½	12.96	2.98	1.36	....	32.86	30.60	38.82
055343	8	14½	15.66	3.12	1.60	....	36.86	34.18	42.70
055344	10	16	20.34	3.24	1.72	....	42.26	39.44	48.16
055345	12	18	24.08	3.46	1.96	....	47.18	44.14	52.88
055346	14	21	27.80	3.74	2.26	....	52.34	49.20	58.14
055347	16	23	31.50	3.90	2.44	....	57.10	53.74	62.64
055348	18	26	35.44	4.14	2.84	....	62.58	59.04	68.38
055349	20	28	39.24	4.36	3.06	....	67.56	63.94	73.54
055350	22	31	43.20	4.56	3.40	....	73.00	69.24	79.02
055351	24	33	47.25	4.72	3.60	....	78.52	74.18	84.30

Fuses in Mains									
055380	2	10	8.10	2.76	1.02	30	27.22	24.58	32.32
055381	4	12½	10.80	2.98	1.36	30	30.70	28.44	36.66
055382	6	14½	14.50	3.12	1.60	30	35.70	33.02	41.54
055383	8	16	18.18	3.24	1.72	30	40.30	37.28	46.00
055384	10	18	21.80	3.46	1.96	30	43.90	40.86	49.60
055385	12	23	26.10	3.90	2.44	60	51.70	48.34	57.24
055386	14	26	29.70	4.14	2.84	60	56.84	53.30	62.64
055387	16	28	33.40	4.36	3.06	60	61.72	58.10	67.70
055388	18	30	37.20	4.48	3.30	60	66.52	62.74	72.42
055389	20	33	41.00	4.72	3.60	60	72.28	67.92	78.04
055390	22	38	46.50	5.10	4.30	75	80.52	76.06	86.58
055391	24	41	50.48	5.32	4.50	75	86.10	81.40	92.32

Switch in Mains									
055420	2	12½	10.50	2.98	1.36	30	30.40	28.14	36.36
055421	4	14½	13.14	3.12	1.60	30	34.34	31.66	40.18
055422	6	16	16.82	3.24	1.72	30	38.74	35.92	44.64
055423	8	20	20.52	3.66	2.18	30	44.58	41.40	50.38
055424	10	21	24.20	3.74	2.26	30	48.74	45.60	54.54
055425	12	26	28.70	4.14	2.84	60	55.84	52.30	61.64
055426	14	28	32.62	4.36	3.06	60	60.94	57.32	66.92
055427	16	31	36.46	4.56	3.40	60	66.26	62.50	72.28
055428	18	33	40.20	4.72	3.60	60	71.48	67.12	76.24
055429	20	38	44.00	5.10	4.30	60	78.02	73.56	84.08
055430	22	38	48.84	5.10	4.30	75	82.96	78.40	88.92
055431	24	41	52.74	5.32	4.50	75	88.36	83.66	94.58

Fused Switch in Mains									
055460	2	12½	11.20	2.98	1.36	30	31.14	28.84	37.06
055461	4	14½	13.78	3.12	1.60	30	34.98	32.30	40.82
055462	6	16	17.54	3.24	1.72	30	39.46	36.64	45.36
055463	8	20	21.16	3.66	2.18	30	45.22	42.04	51.02
055464	10	21	24.64	3.74	2.26	30	49.18	46.04	54.98
055465	12	26	29.40	4.14	2.84	60	56.54	53.00	62.34
055466	14	28	33.00	4.36	3.06	60	61.32	57.70	67.30
055467	16	31	37.60	4.56	3.40	60	67.40	63.64	73.42
055468	18	33	42.00	4.72	3.60	60	73.28	68.92	79.04
055469	20	38	46.20	5.10	4.30	60	80.22	75.76	86.28
055470	22	41	51.08	5.32	4.50	75	87.42	82.58	93.40
055471	24	44	55.12	5.52	4.75	75	92.90	87.96	99.10

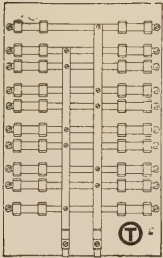
*Terminal capacity amperes is for fuses or for terminal switch.
All the above panels are 14 inches wide.

In ordering, be sure to follow instructions on the first page of panel board listings, to insure prompt shipment of orders.

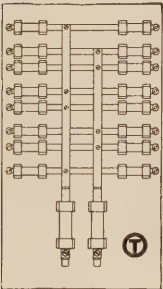
TRUMBULL PANEL BOARDS

FOR NATIONAL ELECTRIC CODE ENCLOSED FUSES

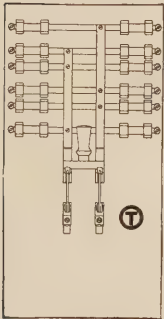
TYPE E—2 TO 2 WIRE, FUSES IN BRANCHES



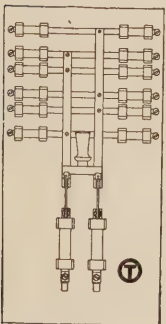
No. 055004



No. 055043



No. 055082



No. 055122

With Main Lugs

Trade No.	No. Ckts.	Length Ins.	Price Each	Slate Frame	Door Lining	*Term. Cap. Amp.	CABINET COMPLETE WITH PANEL SLATE FRAME—3-IN. GUTTER		
							FLUSH OR SURFACE (STEEL)		Flush Wood Steel Lined
							Grade A	Grade C	
055000	2	7	\$4.14	\$2.34	\$0.70	....	\$19.84	\$17.66	\$23.96
055001	4	10	5.44	2.58	.84	....	22.68	20.28	27.20
055002	6	12½	7.24	2.80	.96	....	25.58	23.24	30.72
055003	8	14½	9.05	2.98	1.14	....	28.40	25.90	33.80
055004	10	16	10.90	3.10	1.24	....	30.98	28.32	36.36
055005	12	20	13.12	3.46	1.60	....	35.28	32.24	40.64
055006	14	23	15.34	3.70	1.78	....	39.02	35.94	44.14
055007	16	24	17.55	3.78	1.86	....	41.74	38.60	46.96
055008	18	28	19.70	4.12	2.18	....	46.40	42.68	51.50
055009	20	30	22.00	4.32	2.34	....	49.46	45.92	54.92
055010	22	33	24.30	4.54	2.58	....	53.58	49.58	59.08
055011	24	35	26.64	4.68	2.72	....	57.18	52.80	62.58

Fuses in Mains

055040	2	10	5.14	2.58	.84	30	22.38	19.98	26.90
055041	4	12½	6.25	2.80	.96	30	24.60	22.26	28.74
055042	6	16	8.26	3.10	1.24	60	28.34	25.68	33.70
055043	8	18	10.08	3.28	1.40	60	31.30	28.42	36.56
055044	10	20	11.88	3.46	1.60	60	34.04	31.00	39.40
055045	12	26	14.58	3.94	2.02	75	39.82	36.52	45.18
055046	14	30	17.10	4.32	2.34	100	44.56	41.02	50.02
055047	16	33	19.30	4.54	2.58	100	48.62	44.58	54.08
055048	18	38	22.50	4.80	2.96	150	54.46	50.30	60.12
055049	20	38	25.20	4.80	2.96	150	57.16	53.00	62.82
055050	22	41	27.45	5.08	3.20	150	61.06	56.66	66.94
055051	24	44	29.84	5.30	3.50	150	64.76	60.34	71.02

Switch in Mains

055080	2	12½	6.90	2.80	.96	30	25.24	22.90	30.38
055081	4	14½	7.82	2.98	1.14	30	27.16	24.68	32.58
055082	6	20	10.15	3.46	1.60	60	32.30	29.28	37.68
055083	8	21	12.42	3.54	1.66	60	35.06	32.02	40.32
055084	10	24	14.10	3.78	1.86	60	38.28	35.14	43.50
055085	12	28	16.74	4.12	2.18	75	43.44	39.72	48.54
055086	14	30	19.98	4.32	2.34	100	47.44	43.90	52.90
055087	16	33	22.14	4.54	2.58	100	51.46	47.42	56.92
055088	18	41	26.35	5.08	3.20	150	59.96	55.56	65.84
055089	20	41	29.52	5.08	3.20	150	63.12	58.72	69.00
055090	22	44	31.68	5.30	3.50	150	66.60	62.18	72.86
055091	24	48	33.75	5.54	3.94	150	70.80	66.00	77.20

Fused Switch in Mains

055120	2	12½	7.68	2.80	.96	30	26.02	23.68	31.16
055121	4	14½	8.28	2.98	1.14	30	27.62	25.14	33.04
055122	6	20	11.16	3.46	1.60	60	33.32	30.28	38.68
055123	8	21	13.50	3.54	1.66	60	36.14	33.10	41.40
055124	10	24	15.14	3.78	1.86	60	39.32	36.18	44.54
055125	12	30	17.82	4.32	2.34	75	45.84	42.24	50.34
055126	14	33	21.60	4.54	2.58	100	51.52	47.40	56.00
055127	16	35	24.84	4.68	2.72	100	56.06	51.48	61.18
055128	18	41	29.02	5.08	3.20	150	64.10	59.32	69.40
055129	20	44	31.32	5.30	3.50	150	67.78	62.94	73.44
055130	22	46	33.66	5.42	3.72	150	70.82	66.30	76.12
055131	24	48	35.74	5.54	3.94	150	74.44	69.20	80.16

*Terminal capacity amperes is for fuses or for terminal switch.

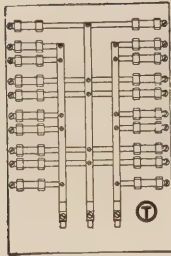
All the above panels are 10 inches wide.

In ordering, be sure to follow instructions on the first page of panel board listings to insure prompt shipment of orders.

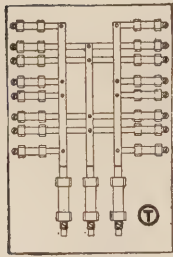
TRUMBULL PANEL BOARDS

FOR NATIONAL ELECTRIC CODE ENCLOSED FUSES

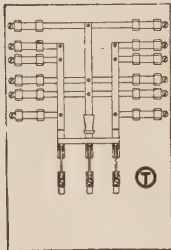
TYPE E—3 TO 2 WIRE, FUSES IN BRANCHES



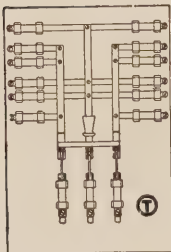
No. 055024



No. 055063



No. 055102



No. 055142

With Main Lugs

Trade No.	No. Ckts.	Length Ins.	Price Each	Slate Frame	Door Lin'g.	*Term. Cap. Amp.	CABINET COMPLETE WITH PANEL SLATE FRAME—3-IN. GUTTER		
							FLUSH OR SURFACE (STEEL)		Flush Wood Steel Lined
							Grade A	Grade C	
055020	2	7	\$5.30	\$2.34	\$0.70	....	\$21.00	\$18.82	\$25.12
055021	4	10	6.75	2.58	.84	....	24.00	21.60	28.50
055022	6	12½	8.86	2.80	.96	....	27.10	24.86	32.34
055023	8	14½	10.90	2.98	1.14	....	30.24	27.76	35.66
055024	10	16	13.00	3.10	1.24	....	33.08	30.42	38.46
055025	12	18	15.06	3.28	1.40	....	36.28	33.40	41.54
055026	14	21	17.10	3.54	1.66	....	39.74	36.70	45.00
055027	16	23	19.58	3.70	1.78	....	43.26	40.18	48.38
055028	18	26	21.96	3.94	2.02	....	47.20	43.90	52.56
055029	20	28	24.12	4.12	2.18	....	50.82	47.10	55.92
055030	22	31	26.28	4.40	2.42	....	54.22	50.68	59.80
055031	24	33	28.44	4.54	2.58	....	57.76	53.72	63.22

Fuses in Mains

055060	2	10	6.75	2.58	.84	30	24.00	21.60	28.62
055061	4	12½	8.00	2.80	.96	30	26.34	24.00	31.48
055062	6	14½	9.98	2.98	1.14	30	29.32	26.84	34.74
055063	8	16	12.02	3.10	1.24	30	32.10	29.44	37.48
055064	10	18	14.22	3.28	1.40	60	35.44	32.56	40.70
055065	12	23	16.30	3.70	1.78	60	39.98	36.90	45.10
055066	14	26	18.40	3.94	2.02	60	43.64	40.34	49.00
055067	16	28	20.70	4.12	2.18	60	47.40	43.68	52.50
055068	18	30	22.95	4.34	2.34	60	50.44	46.90	55.90
055069	20	33	25.20	4.54	2.58	60	54.52	50.48	59.98
055070	22	38	28.80	4.80	2.96	75	60.76	56.60	66.42
055071	24	41	30.96	5.08	3.20	75	64.56	60.16	70.44

Switch in Mains

055100	2	12½	9.00	2.80	.96	30	27.34	25.00	32.48
055101	4	14½	10.08	2.98	1.14	30	29.42	26.94	34.84
055102	6	16	12.06	3.10	1.24	30	32.14	29.48	37.52
055103	8	20	14.04	3.46	1.60	30	36.20	33.16	41.56
055104	10	21	16.56	3.54	1.66	60	39.20	36.16	44.46
055105	12	26	18.80	3.94	2.02	60	44.04	40.74	49.40
055106	14	28	21.06	4.12	2.18	60	47.76	44.04	52.86
055107	16	31	23.40	4.40	2.42	60	51.34	47.80	56.92
055108	18	33	25.65	4.54	2.58	60	54.98	50.94	60.44
055109	20	38	27.90	4.80	2.96	60	59.86	55.70	65.52
055110	22	38	31.05	4.80	2.96	75	63.00	58.86	68.68
055111	24	41	33.30	5.08	3.20	75	66.90	62.50	72.78

Fused Switch in Mains

055140	2	12½	9.68	2.80	.96	30	28.02	25.68	33.10
055141	4	14½	10.71	2.98	1.14	30	30.06	27.58	35.48
055142	6	16	12.96	3.10	1.24	30	33.04	30.38	38.42
055143	8	20	15.04	3.46	1.60	30	37.20	34.16	42.56
055144	10	21	17.90	3.54	1.66	60	40.54	37.50	45.80
055145	12	26	20.08	3.94	2.02	60	45.32	42.02	50.68
055146	14	28	22.32	4.12	2.18	60	49.02	45.30	54.12
055147	16	31	24.56	4.40	2.42	60	52.50	48.96	58.08
055148	18	33	26.82	4.54	2.58	60	56.14	52.10	61.60
055149	20	38	28.98	4.80	2.96	60	60.94	56.78	66.60
055150	22	41	32.76	5.08	3.20	75	67.10	62.50	72.70
055151	24	44	35.28	5.30	3.50	75	70.92	66.34	76.92

*Terminal capacity amperes is for fuses or for terminal switch.

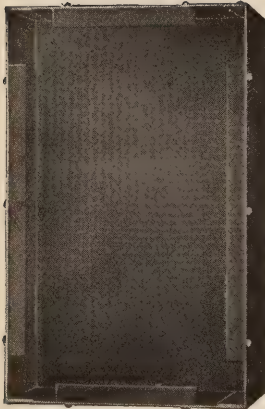
All the above panels are 10 inches wide.

In ordering, be sure to follow instructions on the first page of panel board listings, to insure prompt shipment of orders.

TRUMBULL CABINETS

STEEL BOXES ONLY, GRADE C

Flush or Surface Type, with Gutter



BOXES, GRADE C, sides and ends are bent up, are made from one piece of No. 16 steel, of No. 14 above 800 square inches, according to the underwriters' requirements, and are reinforced with $\frac{1}{8}$ -inch angle irons on front, painted with two coats of black paint and are 7 inches wider than the panels, to allow for one-half inch slate frame and 3-inch gutter ($3\frac{1}{2}$ inches on each side of panel). Prices are arranged according to size of panel.

PATENTED CONDUIT HOLE CLOSER. The drilling of conduit holes larger than $\frac{1}{2}$ -inch is a tedious proposition, so we regularly equip all listed steel boxes with a conduit hole closer by which arrangement four different sized holes to slip conduit are provided, or hole can be closed if desired. By loosening the two screws and placing the proper half circles together you can arrange box for $\frac{3}{4}$ -inch, 1-inch, $1\frac{1}{4}$ -inch, or $1\frac{1}{2}$ -inch pipe, or you can close hole by putting the blank ends together.

KNOCKOUTS. One end of each box is provided with a conduit hole closer (see note above) and from four to six $\frac{1}{8}$ -inch knockout holes. The other end is equipped with as many knockout holes as the greatest number of circuits on a panel that box will hold, i.e., a box that will hold a 10-circuit panel has 10 knockout holes, etc. A blow of hammer will remove the knockout cap. Extra knockouts, 2 cents each, net.

NOTE. By our method of fastening trim to box, the box can be turned with either end up and trim will fit.

Sizes given are panel sizes. Inside box dimensions 7 inches greater each way.

Prices for Boxes $4\frac{1}{2}$ Inches Deep

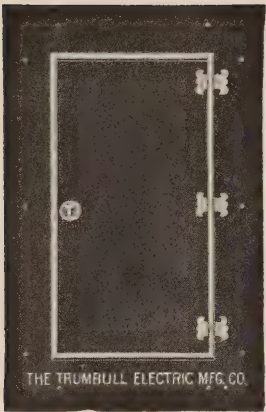
Length Inches	WIDTH, INCHES						Code Word for Length
	8	10	12	14	16	18	
7	\$ 4.46	\$ 4.72	\$ 5.06	\$ 5.40	\$ 5.68	\$ 6.00	Bceob
10	4.94	5.20	5.54	5.80	6.14	6.40	Bceof
12½	5.26	5.60	5.94	6.20	6.54	6.80	Bceon
14½	5.60	5.94	6.20	6.54	6.80	7.14	Bceph
16	5.84	6.20	6.48	6.80	7.06	7.40	Bcepo
18	6.28	6.60	6.86	7.20	7.50	7.80	Bcept
20	6.60	6.86	7.20	7.50	7.80	8.14	Bcesh
21	6.80	7.06	7.40	7.74	8.00	8.34	Bceth
23	7.20	7.50	7.86	8.14	8.46	8.80	Bceuf
24	7.34	7.66	8.00	8.34	8.66	8.94	Bceul
26	7.66	8.00	8.34	8.66	8.94	9.26	Bceum
28	8.20	8.46	8.80	9.14	9.46	9.80	Bceur
30	8.46	8.80	9.14	9.46	9.80	10.14	Bcfab
31	8.66	9.00	9.34	9.68	10.00	10.34	Bcfac
33	9.00	9.34	9.68	10.00	10.34	10.66	Bcfag
35	9.34	9.68	10.00	10.34	10.66	11.00	Bcfal
38	10.00	10.34	10.66	11.00	11.34	11.66	Bcfas
41	10.52	10.86	11.20	11.54	11.86	12.20	Bcfba
44	11.00	11.34	11.66	12.00	12.34	12.68	Bcfbe
46	11.34	11.66	12.00	12.34	12.68	13.00	Bcfbo
48	11.66	12.00	12.34	12.68	13.00	13.34	Bcfbu
50	12.00	12.34	12.68	13.00	13.34	13.68	Bcfca
52	12.34	12.68	13.00	13.34	13.68	14.00	Bcfce
54	12.68	13.00	13.34	13.68	14.00	14.34	Bcfce
57	13.20	13.54	13.88	14.20	14.54	14.88	Bcfda
60	13.68	14.00	14.34	14.68	15.00	15.34	Bcfde
Code Word for Width	Befel	Befem	Befft	Befge	Befgo	Befho	

Boxes $5\frac{1}{2}$ inches deep add 5 per cent, and 10 per cent for boxes $6\frac{1}{2}$ inches deep.

TRUMBULL CABINETS

STEEL DOORS AND TRIMS ONLY, GRADE C

For Flush or Surface Boxes, with Gutter



OVER ALL DIMENSIONS of trim for gutter type boxes 8 inches greater each way.

DOORS AND TRIMS GRADE C, made of 1/8-inch sheet steel, covered with two coats of black paint, rubbed to a dull finish, making a strong, substantial covering for a fireproof installation.

HALF-ROUND MOULDING covers the door opening.

PRICES regularly include catch on door. Cylinder lock furnished instead of catch at same price, on request. For both catch and cylinder lock, add \$2.20. For both catch and Yale lock (paracentric key) add \$4.68. For Yale lock only, add \$2.48.

NOTE. By our improved method of fastening trim to box, whereby trim can be swung either way, the box can be installed before trim is shipped.

Sizes given are panel sizes. Inside box dimensions 7 inches greater each way.

Price, Each

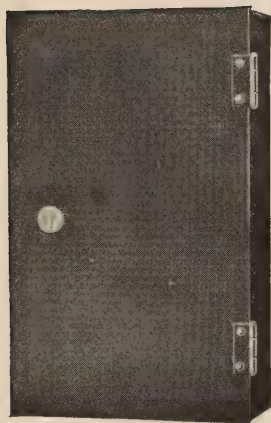
Length Inches	WIDTH, INCHES						Code Word for Length
	8	10	12	14	16	18	
7	\$ 6.06	\$ 6.46	\$ 6.86	\$ 7.26	\$ 7.66	\$ 8.12	Bchja
10	6.66	7.06	7.50	7.92	8.32	8.72	Bchjo
12 1/2	7.20	7.60	8.00	8.46	8.86	9.26	Bchke
14 1/2	7.54	7.94	8.40	8.86	9.26	9.66	Bchlo
16	7.74	8.12	8.60	9.06	9.46	9.86	Bchma
18	8.06	8.46	8.92	9.40	9.80	10.20	Bchmo
20	8.40	8.80	9.26	9.72	10.12	10.46	Bchne
21	8.60	9.00	9.46	9.92	10.32	10.66	Bchns
23	9.00	9.40	9.80	10.20	10.60	11.00	Bchob
24	9.20	9.60	10.00	10.40	10.80	11.20	Bchok
26	9.60	10.00	10.40	10.80	11.20	11.60	Bchon
28	10.00	10.40	10.80	11.20	11.60	12.00	Bchot
30	10.40	10.80	11.20	11.60	12.00	12.40	Bchta
31	10.60	11.00	11.40	11.80	12.20	12.60	Bchuc
33	10.66	11.40	11.80	12.20	12.60	13.00	Behum
35	11.06	11.80	12.20	12.60	13.00	13.40	Behup
38	12.26	12.66	13.06	13.46	13.86	14.32	Bchyk
41	12.86	13.26	13.66	14.06	14.46	14.92	Bchyl
44	13.46	13.86	14.32	14.72	15.12	15.52	Behym
46	13.86	14.26	14.72	15.12	15.52	15.92	Behyp
48	14.34	14.72	15.12	15.52	15.92	16.30	Beiad
50	15.00	15.40	15.80	16.20	16.60	17.00	Beiak
52	15.40	15.80	16.20	16.60	17.00	17.46	Beiba
54	15.80	16.26	16.66	17.06	17.46	17.92	Behia
57	16.40	16.86	17.16	17.66	18.06	18.52	Behit
60	17.06	17.50	17.92	18.32	18.72	19.16	Behiv
Code Word for Width	Beibs	Beibu	Beica	Beido	Beids	Beifa	

Sizes in table are 1/2-inch smaller each way than size of door opening.

TRUMBULL CABINETS

STEEL CABINETS COMPLETE, GRADE C

Surface Type, No Gutter



DOORS AND TRIMS OF CABINETS, GRADE C made of $\frac{1}{8}$ -inch sheet steel, covered with two coats of black paint, rubbed to a dull finish, making a strong substantial covering for a fireproof installation.

NO CONDUIT HOLE CLOSER OR KNOCKOUTS regularly furnished. Holes drilled to slip $\frac{1}{2}$ -inch conduit, one-half cent net, each hole; to slip $\frac{3}{4}$ -inch to 2-inch conduit, two cents, net, each hole.

PRICES regularly include catch on door. Cylinder lock furnished instead of catch at same price, on request. For both catch and cylinder lock, add \$2.20. For both catch and Yale lock (paracentric key) add \$4.68. For Yale lock only, add \$2.48.

BOXES OF CABINETS, GRADE C are bent up: are made from one piece of No. 16 steel, of No. 14 above 800 square inches, according to the Underwriters' requirements, and are reinforced with $\frac{1}{8}$ -inch angle irons, front only, painted with two coats of black paint, and are 3 inches longer and 3 inches wider than panel.

PRICES are arranged according to the size of panel. No gutter.

Sizes given are panel sizes. Inside box dimensions 3 inches greater each way.

Cabinets with Boxes, $4\frac{1}{2}$ Inches Deep

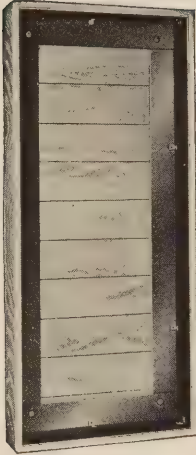
Length Inches	WIDTH, INCHES						Code Word for Length
	8	10	12	14	16	18	
7	\$ 6.00	\$ 6.60	\$ 7.20	\$ 7.74	\$ 8.34	\$ 8.88	Bekpu
10	6.88	7.48	8.00	8.60	9.16	9.74	Bekro
12½	7.60	8.20	8.74	9.34	9.88	10.48	Beksu
14½	8.20	8.74	9.34	9.88	10.48	11.08	Bekte
16	8.60	9.16	9.74	10.34	10.88	11.48	Bekum
18	9.16	9.74	10.34	10.88	11.48	12.04	Bekup
20	9.74	10.34	10.88	11.48	12.04	12.60	Bekur
21	10.00	10.60	11.20	11.74	12.34	12.86	Bekva
23	10.60	11.20	11.74	12.34	12.86	13.46	Bekwa
24	10.84	11.46	12.00	12.60	13.14	13.74	Bekyb
26	11.46	12.00	12.60	13.14	13.74	14.34	Bekyf
28	12.00	12.60	13.14	13.74	14.34	14.86	Bekyp
30	12.60	13.14	13.74	14.34	14.86	15.46	Bekys
31	12.86	13.46	14.02	14.60	15.20	15.72	Belab
33	13.60	14.20	14.80	15.40	15.94	16.54	Belah
35	14.20	14.80	15.40	15.94	16.54	17.14	Belaj
38	15.06	15.66	16.26	16.80	17.40	18.00	Belan
41	15.92	16.52	17.06	17.66	18.26	18.86	Belap
44	16.80	17.40	17.94	18.52	19.12	19.72	Belax
46	17.60	18.20	18.80	19.34	19.92	20.52	Belbe
48	18.20	18.80	19.34	19.92	20.52	21.12	Belbi
50	18.80	19.34	19.92	20.52	21.12	21.72	Belbu
52	19.34	19.92	20.52	21.12	21.72	22.24	Belce
54	19.92	20.52	21.12	21.72	22.24	22.86	Belda
57	20.80	21.40	22.00	22.52	23.12	23.70	Belef
Code Word for Width	Belek	Belen	Belet	Below	Belfa	Belfe	

CABINETS WITH BOXES $5\frac{1}{2}$ inches deep, add $2\frac{1}{2}$ per cent, with boxes $6\frac{1}{2}$ inches deep, add 5 per cent.

TRUMBULL CABINETS

ROUGH WOOD BOXES ONLY, STEEL LINED

Flush Type, with Gutter



BOXES are made of rough wood, are 7 inches longer and 7 inches wider than panel, to allow for $\frac{1}{2}$ -inch slate frame and 3-inch gutter ($3\frac{1}{2}$ -inch on each side of panel). Prices are arranged according to size of panel.

PRICES are based on steel linings for bottom of gutter and sides of box, as shown in cut. Steel linings are bonded as per Underwriters' requirements. Painted throughout with two coats of black paint.

Sizes given are panel sizes. Inside box dimensions 7 inches greater each way.

Prices for Boxes $4\frac{1}{8}$ Inches Deep

Length Inches	WIDTH, INCHES						Code Word for Length
	8	10	12	14	16	18	
7	\$ 4.56	\$ 4.80	\$ 5.14	\$ 5.46	\$ 5.78	\$ 6.10	Bemkb
10	5.00	5.26	5.60	5.92	6.24	6.56	Bemki
12 $\frac{1}{2}$	5.40	5.72	5.98	6.30	6.64	6.96	Bemko
14 $\frac{1}{2}$	5.66	5.98	6.30	6.50	6.90	7.22	Bemks
16	5.78	6.10	6.44	6.70	7.02	7.34	Bemle
18	5.98	6.30	6.56	6.82	7.16	7.48	Bemoa
20	6.18	6.50	6.76	7.02	7.34	7.68	Bemoc
21	6.24	6.56	6.82	7.16	7.40	7.74	Bemod
23	6.44	6.76	7.02	7.34	7.60	7.86	Bemok
24	6.56	6.90	7.16	7.48	7.74	8.00	Bemom
26	6.88	7.16	7.40	7.74	8.00	8.32	Bemos
28	7.16	7.40	7.74	8.00	8.32	8.58	Bemow
30	7.28	7.54	7.86	8.12	8.46	8.70	Bempt
31	7.40	7.66	8.00	8.25	8.58	8.84	Bemru
33	7.68	8.00	8.25	8.52	8.78	9.10	Bemth
35	8.00	8.25	8.52	8.78	9.10	9.36	Bemts
38	8.38	8.64	8.94	9.24	9.50	9.82	Bemub
41	8.78	9.04	9.36	9.62	9.94	10.20	Bemuf
44	9.10	9.36	9.62	9.88	10.20	10.46	Bemuh
46	9.30	9.56	9.82	10.08	10.40	10.66	Bemul
48	9.56	9.82	10.08	10.40	10.66	10.92	Bemur
50	9.82	10.08	10.40	10.66	10.92	11.18	Bemwi
52	10.08	10.40	10.66	10.92	11.18	11.44	Bemyk
54	10.40	10.66	10.92	11.18	11.44	11.76	Bemyp
57	10.78	11.06	11.30	11.64	11.90	12.16	Bemys
60	11.18	11.44	11.76	12.02	12.28	12.54	Benah
Code Word for Width	Benaj	Benak	Benap	Benav	Bcnaw	Benbi	

Boxes $5\frac{1}{8}$ inches deep, add 5 per cent, for boxes $6\frac{1}{8}$ inches deep, add 10 per cent.

TRUMBULL CABINETS

OAK DOORS AND TRIMS ONLY, STEEL LINED

For Flush or Surface Type Gutter Boxes



OVER ALL DIMENSIONS OF TRIM for flush box, $10\frac{1}{4}$ inches greater each way.

OVER ALL DIMENSIONS OF TRIM for surface box, 9 inches greater each way.

DOORS AND TRIMS made of selected straight oak, finished in natural wood, with one coat of filler and two coats of varnish, rubbed to a dull finish—STEEL LINED.

DOORS regularly furnished with wood panel. Plate glass (not beveled) furnished at same price, if specified.

UNFILLED AND UNFINISHED, deduct 10 per cent.

QUARTERED OAK, furnished at 10 per cent additional.

PRICES regularly include catch on door. Cylinder lock furnished instead of catch at same price, on request. For both catch and cylinder lock, add \$2.20. For both catch and Yale lock (paracentric key), add \$4.68. For Yale lock only, add \$2.48.

Sizes given are panel sizes. Inside box dimensions should be 7 inches greater each way.

Price, Each

Length Inches	WIDTH, INCHES						Code Word for Length
	8	10	12	14	16	18	
7	\$ 11.90	\$ 12.68	\$ 13.52	\$ 14.36	\$ 15.14	\$ 16.00	Bence
10	13.14	13.92	14.75	15.54	16.38	17.22	Benda
12 $\frac{1}{2}$	14.10	14.96	15.80	16.58	17.42	18.20	Beneb
14 $\frac{1}{2}$	14.96	15.80	16.58	17.42	18.20	19.04	Bcncl
16	15.44	16.25	17.06	17.88	18.68	19.50	Bcnct
18	16.12	16.90	17.75	18.52	19.38	20.16	Bcnew
20	16.76	17.56	18.40	19.18	20.02	20.80	Bcnfd
21	17.04	17.80	18.60	19.44	20.22	21.06	Bcnfo
23	17.56	18.34	19.10	19.90	20.68	21.52	Bcnft
24	17.94	18.72	19.50	20.28	21.06	21.94	Bcngs
26	18.72	19.50	20.28	21.06	21.94	22.62	Bengu
28	19.50	20.28	21.06	21.94	22.62	23.40	Bcnhe
30	20.28	21.06	21.94	22.62	23.40	24.18	Bcnho
31	20.68	21.46	22.24	23.00	23.80	24.58	Bcnib
33	21.45	22.24	23.00	23.80	24.58	25.36	Bcnif
35	22.24	23.00	23.80	24.58	25.36	26.14	Bcnil
38	23.40	24.18	24.96	25.74	26.52	27.30	Bcnis
41	24.58	25.36	26.14	26.90	27.70	28.48	Bcniv
44	25.74	26.52	27.30	28.08	28.86	29.64	Bcnja
46	26.52	27.30	28.08	28.86	29.64	30.42	Bcnje
48	27.30	28.08	28.86	29.64	30.42	31.20	Bcnjo
50	28.08	28.86	29.64	30.42	31.20	31.98	Bcnka
52	28.86	29.64	30.42	31.20	31.98	32.76	Benku
54	29.64	30.42	31.20	31.98	32.76	33.54	Benlo
57	30.80	30.60	32.38	33.16	33.94	34.70	Benlr
60	31.98	32.76	33.54	34.32	35.10	35.88	Benlt
Code Word for Width	Benlx	Benoa	Benoc	Benod	Benol	Benon	

Sizes in table are $\frac{1}{2}$ -inch smaller each way than size of door opening.

TRUMBULL CABINETS

WOOD CABINETS COMPLETE, STEEL LINED

Surface Type, with Gutter



CABINETS are made of selected straight oak throughout, finished in natural wood, with one coat of filler and two coats of varnish, rubbed to a dull finish—STEEL LINED. TRIM flush with sides of box.

DOORS OF CABINETS regularly furnished with wood panel. Plate glass (not beveled) furnished at same price, if specified.

UNFILLED AND UNFINISHED CABINETS, deduct 10 per cent.

PRICES regularly include catch on door. Cylinder lock furnished instead of catch at same price, on request. For both catch and cylinder lock, add \$2.20. For both catch and Yale lock (paracentric key) add \$4.68. For Yale lock only, add \$2.48.

BOXES OF CABINETS are made of selected straight oak, are 7 inches longer and 7 inches wider than panel to allow for 1/2-inch slate frame and 3-inch gutter (3 1/2 inches on each side of panel).

PRICES are arranged according to size of panel and include steel linings throughout. Steel linings of box are bonded as per underwriters' requirements. Box painted inside with two coats of black paint.

Sizes given are panel sizes. Inside box dimensions 7 inches greater each way.

Cabinets with Boxes, 4 1/2 Inches Deep

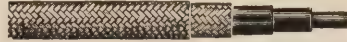
Length Inches	WIDTH, INCHES						Code Word for Length
	8	10	12	14	16	18	
7	\$ 22.42	\$ 24.00	\$ 25.54	\$ 27.10	\$ 28.66	\$ 30.22	Bcogs
10	24.70	26.32	27.82	29.38	30.94	32.50	Bcogu
12 1/2	26.72	28.22	29.78	31.34	32.90	34.46	Bcohl
14 1/2	27.96	29.52	31.08	32.56	34.12	35.68	Bcoje
16	28.92	30.42	31.92	33.48	34.98	36.54	Bcoki
18	29.90	31.40	32.90	34.38	35.88	37.38	Bcoku
20	31.14	32.56	34.06	35.56	37.06	38.54	Bcolb
21	31.60	33.08	34.52	36.02	37.44	38.94	Bcolf
23	32.18	33.60	35.04	36.46	37.90	39.32	Bcolp
24	32.90	34.32	35.76	37.18	38.62	40.04	Bcolt
26	34.32	35.76	37.18	38.62	40.04	41.48	Bcomb
28	35.76	37.18	38.62	40.04	41.48	42.90	Bcomp
30	37.18	38.62	40.04	41.48	42.90	44.34	Bcond
31	37.90	39.32	40.76	42.18	43.62	45.04	Bcong
33	38.42	39.82	41.22	42.64	44.00	45.44	Bcook
35	39.82	41.22	42.64	44.00	45.44	46.80	Bcoom
38	40.96	42.32	43.68	45.04	46.42	47.78	Bcopa
41	43.04	44.40	45.76	47.12	48.50	49.86	Bcopp
44	45.04	46.42	47.78	49.14	50.50	51.88	Bcorb
46	46.42	47.78	49.14	50.50	51.88	53.24	Bcork
48	47.78	49.14	50.50	51.88	53.24	54.60	Bcorn
50	49.14	50.50	51.88	53.24	54.60	55.96	Bcors
52	50.50	51.88	53.24	54.60	55.96	57.34	Bcost
54	51.88	53.24	54.60	55.96	57.34	58.70	Bcouc
57	53.96	55.32	56.68	58.04	59.42	60.78	Bcous
60	55.96	57.34	58.70	60.06	61.42	62.80	Bcowl
Code Word for Width	Bcoxa	Bcoxe	Bcoym	Bcoyo	Bepac	Bepaj	

CABINETS WITH BOXES 5 1/8 inches deep, add 2 1/2 per cent, with boxes 6 1/8 inches deep, add 5 per cent.

RUBBER COVERED WIRE.

NATIONAL ELECTRICAL CODE STANDARD.—0-600 VOLTS.

SOLID—WHITE OR BLACK CORE.



Prices Per 1000 Feet. Single Braid.

Trade No.	Size B.&S.	BASE PRICES OF COPPER PER POUND.										Add for Double Braid.	Code Word.
		11c.	12c.	13c.	14c.	15c.	16c.	17c.	18c.	19c.	20c.	21c.	
08465	1	\$147.0	\$152.0	\$158.0	\$163.0	\$168.0	\$173.0	\$178.0	\$183.0	\$188.0	\$193.0	\$198.0	\$17.0 Jidge
08466	2	109.0	113.0	117.0	122.0	126.0	130.0	134.0	138.0	142.0	146.0	150.0	13.0 Jdude
08467	3	91.0	94.5	98.0	101.0	104.0	107.0	110.0	114.0	117.0	120.0	123.0	12.0 Jdafe
08468	4	75.8	78.3	80.8	83.4	85.8	88.4	91.0	93.4	96.0	98.5	101.0	11.0 Jubfe
08469	5	65.4	67.4	69.4	71.4	73.4	75.4	77.4	79.4	81.4	83.4	85.4	10.0 Jidfe
08470	6	55.8	57.4	59.0	60.5	62.1	63.7	65.3	66.9	68.4	70.0	71.6	9.0 Jwefe
08471	8	35.6	36.6	37.6	38.6	39.6	40.6	41.6	42.6	43.6	44.6	45.6	8.0 Jygfe
08472	9	31.0	31.8	32.6	33.4	34.2	34.9	35.7	36.5	37.3	38.0	38.8	7.5 Jalf
08473	10	26.6	27.3	27.9	28.5	29.2	29.8	30.4	31.1	31.7	32.4	33.0	7.0 Jemfe
08474	12	20.4	20.8	21.2	21.6	22.0	22.4	22.8	23.2	23.6	24.0	24.4	6.0 Jopfe
08475	14	16.3	16.6	16.8	17.0	17.3	17.5	17.8	18.0	18.3	18.5	18.8	5.0 Jbufe

A tape and braid takes the same price as double braid.

A tape and two braids takes the same price as triple braid.

STRANDED—WHITE OR BLACK CORE.



Prices Per 1000 Feet. Single Braid.

Trade No.	Size B.&S.	BASE PRICES OF COPPER PER POUND.										Add for Double Braid.	Code Word.
		11c.	12c.	13c.	14c.	15c.	16c.	17c.	18c.	19c.	20c.	21c.	
08476	0000	\$371.0	\$385.0	\$398.0	\$411.0	\$425.0	\$438.0	\$451.0	\$465.0	\$478.0	\$491.0	\$505.0	No Extra Jbage
08477	000	312.0	323.0	334.0	344.0	355.0	365.0	376.0	387.0	397.0	408.0	418.0	No Extra Jybge
08478	00	261.0	270.0	278.0	287.0	295.0	303.0	312.0	320.0	329.0	337.0	345.0	No Extra Judge
08479	0	220.0	227.0	234.0	240.0	247.0	254.0	260.0	267.0	274.0	280.0	287.0	No Extra Jefge
08480	1	170.0	176.0	181.0	186.0	191.0	197.0	202.0	207.0	212.0	218.0	223.0	17.0 Jwige
08481	2	126.0	131.0	135.0	139.0	143.0	147.0	152.0	156.0	160.0	164.0	168.0	13.0 Jange
08482	3	106.0	110.0	113.0	116.0	120.0	123.0	126.0	129.0	133.0	136.0	139.0	12.0 Jdage
08483	4	91.1	93.7	96.4	99.1	101.6	104.2	106.8	109.5	112.1	114.7	117.3	11.0 Josge
08484	5	77.6	79.7	81.8	83.9	85.9	88.0	90.1	92.2	94.3	96.3	98.4	10.0 Junhe
08485	6	67.6	69.3	71.0	72.7	74.3	76.0	77.6	79.4	81.1	82.7	84.4	9.0 Jixhe
08486	8	44.2	45.2	46.3	47.3	48.4	49.4	50.5	51.5	52.5	53.6	54.6	8.0 Juaje
08487	9	38.2	39.0	39.8	40.7	41.5	42.3	43.2	43.9	44.8	45.6	46.4	7.5 Jwiad
08488	10	32.7	33.4	34.0	34.7	35.3	36.0	36.7	37.3	38.0	38.7	39.3	7.0 Jamad
08489	12	25.6	26.0	26.4	26.9	27.3	27.7	28.1	28.6	29.0	29.4	29.8	6.0 Jdoad
08490	14	20.4	20.7	20.9	21.2	21.4	21.7	22.0	22.2	22.4	22.8	23.0	5.0 Jbrad

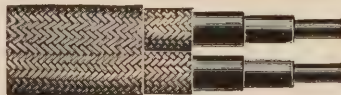
A tape and braid takes the same price as double braid.

A tape and two braids takes the same price as triple braid.

Wires No. 0 and larger, or having $\frac{3}{32}$ -inch or thicker insulation, are finished with a tape and a braid; all others are finished with a braid only.

DUPLEX SOLID.

White or Black Core.



Prices per 1000 Feet.

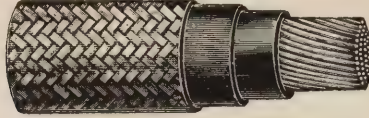
Trade No.	No. B. & S.	BASE PRICES OF COPPER PER POUND.											Code Word.
		11c.	12c.	13c.	14c.	15c.	16c.	17c.	18c.	19c.	20c.	21c.	
08491	8	\$86.2	\$88.2	\$90.2	\$92.2	\$94.2	\$96.2	\$98.2	\$100.2	\$102.2	\$104.2	\$106.2	Jeudd
08492	10	66.0	67.4	68.6	69.8	71.2	72.4	73.6	75.0	76.2	77.6	78.8	Jbed
08493	12	51.3	52.1	52.9	53.7	54.5	55.3	56.1	56.9	57.7	58.5	59.3	Jdudef
08494	14	41.1	41.7	42.1	42.5	43.1	43.5	44.1	44.5	45.1	45.5	46.1	Jaxef

RUBBER COVERED WIRE

NATIONAL ELECTRICAL CODE STANDARD.—0-600 VOLTS.

CIRCULAR MIL CABLES.

White or Black Core.



Prices per 1000 Feet.

Trade No.	Size C. M.	BASE PRICES OF COPPER PER POUND.										Add for Each Extra Braid.	Code Word.
		12c.	13c.	14c.	15c.	16c.	17c.	18c.	19c.	20c.	21c.		
09904	2000,000	\$2840	\$2966	\$3092	\$3218	\$3344	\$3470	\$3596	\$3722	\$3848	\$3974	\$69	Oiapu
08580	1750,000	2512	2623	2733	2843	2953	3064	3174	3284	3394	3505	66	Oudpu
08581	1500,000	2190	2284	2379	2473	2568	2662	2757	2851	2946	3040	62	Odipu
08582	1250,000	1885	1964	2042	2121	2200	2279	2357	2436	2515	2594	58	Oakpu
08583	1000,000	1513	1576	1639	1702	1765	1828	1891	1954	2017	2080	52	Oenpu
08584	950,000	1447	1507	1567	1626	1686	1746	1806	1866	1926	1986	51	Oubqu
08585	900,000	1379	1435	1492	1549	1606	1662	1719	1776	1832	1889	50	Oarqu
08586	850,000	1314	1367	1421	1474	1528	1581	1635	1688	1742	1796	49	Ouaru
08587	800,000	1245	1296	1346	1397	1447	1497	1548	1598	1649	1699	48	Oodru
08588	750,000	1176	1224	1271	1318	1365	1413	1460	1507	1554	1602	47	Oigru
08589	700,000	1110	1154	1198	1242	1287	1331	1375	1419	1463	1507	46	Oemru
08590	650,000	1042	1083	1124	1165	1206	1247	1288	1329	1370	1411	45	Oboru
08591	600,000	978	1016	1053	1091	1129	1167	1205	1242	1280	1318	44	Owasu
08592	550,000	911	945	980	1015	1049	1084	1119	1153	1188	1223	43	Ougsu
08593	500,000	819	850	882	913	945	976	1008	1039	1071	1102	40	Oyksu
08594	450,000	746	775	803	831	860	888	917	945	973	1002	38	Oessu
08595	400,000	676	701	727	752	777	802	827	853	878	903	36	Oodusu
08596	350,000	605	627	649	671	693	715	737	759	782	804	34	Oiwsu
08597	300,000	535	554	573	592	611	629	648	667	686	705	32	Oujtu
08598	250,000	464	480	495	511	527	543	558	574	590	606	30	Ouevu
08599	225,000	431	445	459	474	488	502	516	530	544	559	28	Oygvu

A tape and braid takes the same price as double braid.

A tape and two braids takes the same price as triple braid.

RUBBER COVERED FLEXIBLE CABLES.



Any strand made of finer wires than given in the following table is considered flexible; and the list price of ordinary strand is increased by the following additions.

Trade No.	Size C. M.	Std. Size	Addition for Code	Trade No.	Size C. M.	Std. Size	Addition for Code
		Strand B. & S.	Flexible. Word.			Strand B. & S.	Flexible. Word.
09451	2000,000	12	\$271.00 Oilbu	09472	0000	16	\$40.00 Oitvu
09452	1750,000	12	240.00 Oumbu	09473	000	16	38.00 Oouvu
09453	1500,000	12	210.00 Oapbu	09474	00	17	35.00 Owyvu
09454	1250,000	12	181.00 Oyacu	09475	0	17	30.00 Oomav
09455	1000,000	13	145.00 Oideu	09476	1	17	23.00 Oenav
09456	950,000	13	139.00 Oufcu	09477	2	17	18.00 Oisav
09457	900,000	13	132.00 Oejuu	09478	3	18	15.00 Outav
09458	850,000	13	126.00 Oascu	09479	4	18	12.30 Oiaev
09459	800,000	13	120.00 Owucu	09480	5	18	10.50 Oemev
09460	750,000	13	113.00 Oeddu	09481	6	19	9.20 Oopev
09461	700,000	14	107.00 Oogdu	09482	8	19	5.90 Ourev
09462	650,000	14	100.00 Oamdu	09483	9	20	5.10 Oytav
09463	600,000	14	94.00 Obudu	09484	10	21	4.50 Oawev
09464	550,000	14	88.00 Obafu	09485	12	23	3.50 Owyev
09465	500,000	14	79.00 Ouhfu	09486	14	25	2.70 Ouhiv
09466	450,000	15	72.00 Oekfu	09487	16	30	2.40 Oaniv
09467	400,000	15	65.00 Owofu	09488	18	30	2.00 Ooviv
09468	350,000	15	58.00 Oisfu	09489	19	30	1.90 Oeiv
09469	300,000	16	52.00 Oavfu	09490	20	30	1.60 Obaov
09470	250,000	16	45.00 Odegv	09491	22	30	1.50 Oigov
09471	225,000	16	42.00 Oalgu				

A tape and two braids takes the same price as triple braid.

FIXTURE WIRE



LIGHT INSULATION

Solid

Size B&S	BASE PRICES OF COPPER PER POUND										Add for Double Code	
	11c.	12c.	13c.	14c.	15c.	16c.	17c.	18c.	19c.	20c.	21c. Braid	Word
14	\$13.3	\$13.6	\$13.8	\$14.0	\$14.3	\$14.5	\$14.8	\$15.0	\$15.3	\$15.5	\$15.8	... Jonje
16	11.7	11.9	12.0	12.2	12.3	12.5	12.7	12.8	13.0	13.1	13.3	... Jwoje
18	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3	10.4	10.5	... Jitje
19	9.1	9.2	9.3	9.3	9.4	9.5	9.6	9.7	9.7	9.8	9.9	... Jebke
20	8.7	8.8	8.8	8.9	9.0	9.0	9.1	9.1	9.2	9.3	9.3	... Jueke
22	7.8	7.9	7.9	7.9	8.0	8.0	8.0	8.1	8.1	8.1	8.2	... Joke

Stranded

14	18.2	18.5	18.7	19.0	19.2	19.5	19.8	20.0	20.2	20.6	20.8	...	Jbike
16	15.7	15.9	16.1	16.2	16.4	16.5	16.7	16.9	17.0	17.2	17.3	...	Jymke
18	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	14.0	...	Jwuke
19	12.1	12.2	12.3	12.4	12.4	12.5	12.6	12.7	12.8	12.8	12.9	...	Jiale
20	11.1	11.2	11.3	11.3	11.4	11.5	11.5	11.6	11.6	11.7	11.8	...	Jable
22	10.3	10.4	10.4	10.4	10.5	10.5	10.6	10.6	10.7	10.7	10.7	...	Jukle

HEAVY INSULATION

Solid

14	16.3	16.6	16.8	17.0	17.3	17.5	17.8	18.0	18.3	18.5	18.8	5.0	Jykle
16	13.2	13.4	13.5	13.7	13.8	14.0	14.2	14.3	14.5	14.6	14.8	4.0	Jomle
18	11.5	11.6	11.7	11.8	11.9	12.0	12.1	12.2	12.3	12.4	12.5	3.8	Jwame
19	10.6	10.7	10.8	10.8	10.9	11.0	11.1	11.2	11.2	11.3	11.4	3.6	Jacme
20	9.7	9.8	9.8	9.9	10.0	10.0	10.1	10.1	10.2	10.3	10.3	3.4	Jyftme
22	8.8	8.9	8.9	8.9	9.0	9.0	9.0	9.1	9.1	9.1	9.2	3.2	Jogme

Stranded

14	20.4	20.7	20.9	21.2	21.4	21.7	22.0	22.2	22.4	22.8	23.0	5.0	Juhme
16	17.7	17.9	18.1	18.2	18.4	18.5	18.7	18.9	19.0	19.2	19.3	4.0	Jejme
18	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	16.0	3.8	Jifne
19	13.6	13.7	13.8	13.9	13.9	14.0	14.1	14.2	14.3	14.3	14.4	3.6	Jugne
20	12.1	12.2	12.3	12.3	12.4	12.5	12.5	12.6	12.6	12.7	12.8	3.4	Jahne
22	11.3	11.4	11.4	11.5	11.5	11.5	11.6	11.6	11.7	11.7	11.7	3.2	Jokne

HEATER CORD



Cotton Covered

-BASE PRICES OF COPPER PER POUND

Size B.&S.	BASE PRICES OF COPPER PER POUND						Code Word
	13	14	15	16	17	18	
12	90.3	92.3	94.5	96.5	98.5	100.8	Afddu
14	74.0	75.5	76.5	78.0	79.3	80.5	Afdel
16	56.6	57.3	58.1	58.8	59.8	60.6	Afdem
18	48.8	49.3	49.8	50.3	50.8	51.3	Afdem

Silk Covered

12	142.8	144.8	147.0	149.0	151.0	153.3	Afdex
14	122.2	123.7	124.7	126.2	127.5	128.7	Afdfa
16	102.1	102.8	103.6	104.3	105.3	106.1	Afdfe
18	94.0	94.5	95.0	95.5	96.0	96.5	Afdfo

Silkateen Covered

16	40.0	40.7	41.5	42.2	43.2	44.0	Afdge
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CAR CABLES



Stranded Tinned Copper Conductor, Rubber Insulation, Single Braid, Black Finish

Size B.&S. Gauge	No. of Wires in Conductors	Approximate Thickness, Inches of Rubber	Approximate Diameter, Inches Over Braid	Approximate Weight, Lbs. per 1000 Ft	Approximate Feet per Std. Pkg	Code Word
2	19	4-64	30-64	302	1000	Begco
3	19	4-64	27-64	245	1000	Begde
4	49	4-64	27-64	228	1000	Begdu
4	7	4-64	26-64	203	1000	Begeg
6	49	4-64	24-64	164	1000	Begek
6	7	4-64	23-64	144	1000	Begem
8	7	3-64	18-64	93	500	Beget
10	7	3-64	16-64	66	500	Begfe
12	7	3-64	15-64	49	500	Begga
14	7	3-64	13-64	38	500	Begid

Copper strand is covered with a winding of cotton or paper before insulation is put on.

LAMP CORD

LAMP CORD



Cotton Covered

Size B. & S.	PRICES PER 1000 FEET BASE PRICES OF COPPER PER POUND										Code Word
	12c	13c	14c	15c	16c	17c	18c	19c	20c	21c	
10	\$105.5	\$108.8	\$112.3	\$115.5	\$118.8	\$122.0	\$125.3	\$128.8	\$132.0	\$135.3	Jekac
12	69.0	71.3	73.3	75.5	77.5	79.5	81.8	83.8	86.0	88.0	Jipac
14	45.0	46.0	47.5	48.8	50.0	51.3	52.5	54.0	55.0	56.5	Josac
16	30.5	31.3	32.0	32.8	33.8	34.8	35.5	36.3	37.0	37.8	Jduac
18	24.3	24.8	25.3	25.8	26.3	26.8	27.3	27.8	28.3	28.8	Jewec
20	21.3	21.5	21.8	22.0	22.5	23.0	23.3	23.5	23.8	24.3	Jdenc
22	17.8	18.0	18.3	18.5	18.8	19.0	19.3	19.5	19.8	19.8	Jodec

Silk Covered

10	136.8	140.0	143.5	146.8	150.0	153.3	156.5	160.0	163.3	166.5	Juloc
12	91.5	93.8	95.8	98.0	100.0	102.0	104.3	106.3	108.5	110.5	Jynoc
14	66.3	67.3	68.8	70.0	71.3	72.5	73.8	75.3	76.3	77.8	Jevoc
16	48.0	48.8	49.5	50.3	51.3	52.3	53.0	53.8	54.5	55.3	Jiauc
18	40.5	41.0	41.5	42.0	42.5	43.0	43.5	44.0	44.5	45.0	Jebuc
20	35.0	35.3	35.5	35.8	36.3	36.8	37.0	37.3	37.5	38.0	Jyguc
22	31.5	31.8	32.0	32.3	32.5	32.8	33.0	33.3	33.5	33.5	Johuc

REINFORCED PORTABLE CORD



Cotton Covered

Size B. & S.	PRICES PER 1000 FEET BASE PRICES OF COPPER PER POUND										Code Word
	12c	13c	14c	15c	16c	17c	18c	19c	20c	21c	
12	\$104.0	\$106.3	\$108.3	\$110.5	\$112.5	\$114.5	\$116.8	\$118.8	\$121.0	\$123.0	Jujac
14	76.3	77.3	78.8	80.0	81.3	82.5	83.8	85.3	86.3	87.8	Jdouc
16	61.8	62.5	63.3	64.0	65.0	66.0	66.8	67.5	68.3	69.0	Jaxuc
18	51.8	52.3	52.8	53.3	53.8	54.3	54.8	55.3	55.8	56.3	Jenyc

Silk Covered

12	154.0	156.3	158.3	160.5	162.5	164.5	166.8	168.8	171.0	173.0	Jityc
14	117.5	118.5	120.0	121.3	122.5	123.8	125.0	126.5	127.5	129.0	Jayyc
16	91.8	92.5	93.3	94.0	95.0	96.0	96.8	97.5	98.3	99.0	Jubad
18	79.3	79.8	80.3	80.8	81.3	81.8	82.3	82.8	83.3	83.8	Jofad

PARALLEL SILK COVERED LAMP CORD

Green

Size B. & S.	PRICES PER 1000 FEET BASE PRICES OF COPPER PER POUND										Word
	12c	13c	14c	15c	16c	17c	18c	19c	20c	21c	
18	\$40.5	\$41.0	\$41.5	\$42.0	\$42.5	\$43.0	\$43.5	\$44.0	\$44.5	\$45.0	Jabha

Olive Green

18	40.5	41.0	41.5	42.0	42.5	43.0	43.5	44.0	44.5	45.0	Jabik
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Old Gold

18	40.5	41.0	41.5	42.0	42.5	43.0	43.5	44.0	44.5	45.0	Jabib
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Maroon

18	40.5	41.0	41.5	42.0	42.5	43.0	43.5	44.0	44.5	45.0	Jabif
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Yellow

18	40.5	41.0	41.5	42.0	42.5	43.0	43.5	44.0	44.5	45.0	Jabix
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SPECIAL RUBBER INSULATED CABLES.**NATIONAL ELECTRIC CODE STANDARD—0-600 VOLTS.****BREWERY CORD.**

Prices—Per 1000 Feet.

Trade No.	Size B. & S.	BASE PRICES OF COPPER PER POUND.										Code Word
		12c.	13c.	14c.	15c.	16c.	17c.	18c.	19c.	20c.	21c.	
08542	10	\$76.8	\$78.2	\$79.8	\$81.2	\$82.8	\$84.4	\$85.8	\$87.4	\$89.0	\$90.4	Jifid
08543	12	59.8	60.7	61.9	62.8	63.7	64.6	65.8	66.7	67.6	68.5	Jogid
08544	14	47.6	48.1	48.8	49.2	49.9	50.6	51.1	51.5	52.4	52.9	Jykid
08545	16	41.2	41.6	41.9	42.3	42.6	43.0	43.5	43.7	44.2	44.4	Juald
08546	18	34.7	35.0	35.2	35.4	35.7	35.9	36.1	36.3	36.6	36.8	Jweld

Brewery Cord consists of two conductors stranded, rubber insulated, braided and the two twisted together.

CANVASITE CORD.

08547	10	101.0	102.5	104.3	105.8	107.5	109.3	110.8	112.5	114.3	115.8	Juend
08548	12	80.0	81.0	82.3	83.3	84.3	85.3	86.5	87.5	88.5	89.5	Jwond
08549	14	64.3	64.8	65.5	66.0	66.8	67.5	68.0	68.5	69.5	70.0	Jydod
08550	16	54.8	55.3	55.5	56.0	56.3	56.8	57.3	57.5	58.0	58.3	Jufod
08551	18	47.3	47.5	47.8	48.0	48.3	48.5	48.8	49.0	49.3	49.5	Jblod

Canvasite Cord consists of two conductors stranded, rubber insulated, braided, twisted together, and finished with a weatherproof braid.

PACKING-HOUSE CORD.

08552	10	118.5	120.0	121.8	123.3	125.0	126.8	128.3	130.0	131.8	133.3	Jomod
08553	12	95.0	96.0	97.3	98.3	99.3	100.3	101.5	102.5	103.5	104.5	Jinod
08554	14	76.8	77.3	78.0	78.5	79.3	80.0	80.5	81.0	82.0	82.5	Jesod
08555	16	64.8	65.3	65.5	66.0	66.3	66.8	67.3	67.5	68.0	68.3	Jatod
08556	18	56.8	57.0	57.3	57.5	57.8	58.0	58.3	58.5	58.8	59.0	Jiwud

Packing-House Cord consists of two conductors stranded, rubber insulated, twisted together with jute filler, and finished with two weatherproof braids.

DECK CABLES.

08557	10	149.5	151.7	154.3	156.5	159.1	161.7	163.9	166.5	169.1	171.3	Jacyd
08558	12	118.4	119.9	121.7	123.2	124.7	126.2	128.0	129.5	131.0	132.5	Jyfyd
08559	14	95.1	95.8	96.9	97.7	98.8	99.9	100.6	101.4	102.9	103.6	Josyd
08560	16	81.0	81.8	82.1	82.9	83.3	84.0	84.7	85.1	85.8	86.2	Jetyd
08561	18	69.9	70.3	70.7	71.0	71.4	71.8	72.2	72.5	72.9	73.3	Jixyd

Deck Cable consists of two conductors stranded, rubber insulated, braided, twisted together with jute filler, and finished with a belt of rubber and a weatherproof braid.

THEATRE OR STAGE CABLES.

08562	2	393.0	403.0	413.0	423.0	433.0	445.0	455.0	465.0	475.0	485.0	Jyabe
08563	3	335.0	343.0	350.0	360.0	368.0	375.0	383.0	393.0	400.0	407.5	Jibbe
08564	4	289.3	296.0	302.8	309.0	315.5	322.0	328.8	335.3	341.8	348.3	Jocbe
08565	5	249.3	254.5	259.8	264.8	270.0	275.3	280.5	285.8	290.8	296.0	Jedbe
08566	6	218.3	222.5	226.8	230.8	235.0	239.0	243.5	247.8	251.8	256.0	Jdebe
08567	8	153.0	155.8	158.3	161.0	163.5	166.3	168.8	171.3	174.0	176.5	Jufbe
08568	10	118.5	120.0	121.8	123.3	125.0	126.8	128.3	130.0	131.8	133.3	Jaibe
08569	12	95.0	96.0	97.3	98.3	99.3	100.3	101.5	102.5	103.5	104.5	Jbobe
08570	14	76.8	77.3	78.0	78.5	79.3	80.0	80.5	81.0	82.0	82.5	Jwybe

Theatre or Stage Cable consists of two conductors, flexible cotton wrapped, rubber insulated, braided, twisted together with jute filler, and finished with two weatherproof braids.

BORDER LIGHT CABLES.

08571	12-3	142.5	144.0	145.9	147.4	148.9	150.4	152.3	153.8	155.3	156.8	Jofce
08572	12-4	190.0	192.0	194.5	196.5	198.5	200.5	203.0	205.0	207.0	209.0	Julce
08573	12-5	237.5	240.0	243.1	245.6	248.1	250.6	253.8	256.3	258.8	261.3	Jince
08574	12-6	285.0	288.0	291.8	294.8	297.8	300.8	304.5	307.5	310.5	313.5	Jawce
08575	14-3	115.1	115.9	117.0	117.8	118.9	120.0	120.8	121.5	123.0	123.8	Jeade
08576	14-4	153.5	154.5	156.0	157.0	158.5	160.0	161.0	162.0	164.0	165.0	Jolde
08577	14-5	191.9	193.1	195.0	196.3	198.1	200.0	201.3	202.5	205.0	206.3	Jucde
08578	14-6	230.3	231.8	234.0	235.5	237.8	240.0	241.5	243.0	246.0	247.5	Jydde

Border Light Cable is exactly the same as Theatre or Stage Cable, but consists of more than two conductors.

ELEVATOR LIGHTING CABLES.

08601	14	143.9	145.0	146.7	147.8	149.5	151.2	152.3	153.4	155.7	156.8	Jafde
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Elevator Lighting Cable consists of two Conductors, B. & S., rubber insulated, laid up with two steel supporting strands, cushioned with cotton. For short cables the steel strands are omitted.



WEATHERPROOF WIRE

WEATHERPROOF HARD DRAWN COPPER WIRE

Triple Braid



Size B. & S. G.	Capacity Circular Mils	Approx. Wgt. Lbs. per Mile	Lgth. Coils Miles	Code Word
8	16510	395	1 1/2	Abdrd
9	13094	325	1 1/2	Abdst
10	10382	280	1 1/2	Abdub
12	6530	185	1 1/2	Abdud
14	4107	130	1 1/2	Abdup

WEATHERPROOF IRON WIRE



Size B. W. G.	Length Coils, Miles	DOUBLE BRAID		Code Word	TRIPLE BRAID		Code Word
		Approx. Wgt. Lbs. per Mile	Approx. Wgt. Lbs. per Mile		Approx. Wgt. Lbs. per Mile	Approx. Wgt. Lbs. per Mile	
8	1 1/4	470	520	Abcpa	520	520	Abcyd
9	1 1/3	400	450	Abcta	450	450	Abcyl
10	1 1/2	350	400	Abcun	400	400	Abcyp
12	1 1/2	230	260	Abcus	260	260	Abdac
14	1 1/2	150	175	Abcuv	175	175	Abdam

WEATHERPROOF TELEPHONE WIRE

Twisted Pair



Size B. & S. G.	Approx. Wgt. Lbs. per 1000 Ft.	IN CASES No. Coils	WGT. APPROX. 200 LBS. Lbs. Each	Code Word
14	53	12	17	Abdap
16	32	12	17	Abdar
18	23	12	17	Abdas
19	20	12	17	Abdbe

This wire is for inside use only. The wires are insulated with two reversed winds of cotton yarn, covered with a close protecting braid, all thoroughly saturated with O. K. black weatherproof compound, and finished with a hard lasting polish. The conductors are then twisted together.

DAMP-PROOF OFFICE WIRE



Size B. & S. G.	Approx. Wgt. Lbs. per 1000 Ft.	Approx. Ft. per Lb.	17 Lb. Coils	CODE WORD 5 Lb. Spools	Duplex	Twisted Paired
12	34	29.4	Abdbi	Abdda	Abdem	Abdfo
14	24	41.7	Abdbo	Abdde	Abden	Abdge
16	13.5	74.0	Abdbu	Abddo	Abdex	Abdib
18	10	100	Abdca	Abddu	Abdfa	Abdig
20	8	125	Abdeu	Abdel	Abdfe	Abdik

Shipped in cases containing approximately 200 pounds.

In ordering, specify whether single, duplex or twisted pair is desired and also give color. Standard colors are red, red and white, blue, blue and white.

This wire has two winds of cotton yarn applied in opposite directions, saturated with black O. K. weatherproof compound. The braid is treated with wax and highly polished.

ANNUNCIATOR WIRE



Size B. & S. G.	Approx. Wgt. Lbs. per 1000 Ft.	Approx. Ft. per Lb.	CODE WORD 8 Lb. Spools	CODE WORD 1 Lb. Spools	1 Lb. Coils
14	15	66.6	Abdit	Abdoc	Abdos
16	9.5	105.0	Abdju	Abdod	Abdpa
18	6.5	153.8	Abdmo	Abdof	Abdpi
20	4.5	222.2	Abdno	Abdog	Abdpu

This wire is insulated with two winds of cotton yarn applied in opposite directions. Regular wire is saturated with a special wax compound and highly polished. Weatherproof annunciator wire is saturated with the regular weatherproof compound.

Shipped in cases containing approximately 200 pounds. In ordering specify color desired. Following colors are standard: Red, brown, olive, blue, white, yellow, red and white, blue and white.

ANNUNCIATOR CABLES

ELEVATOR ANNUNCIATOR CABLES



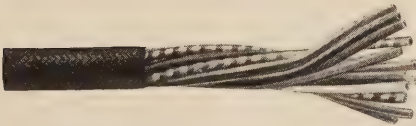
Trade No		Price per Foot	Code Word
050632	Price, per Conductor foot	\$0.03	Bdmev

This type of cable is designed for connecting the annunciator in an elevator car with the signal push buttons on different floors and is constructed with special reference to obtaining the greatest flexibility and strength.

Each conductor is composed of 16 strands of No. 30 soft copper wire laid together and insulated with two wrappings of cotton wound in reverse directions and one cotton braid.

These insulated conductors are cabled around a stout core of jute which gives extra tensile strength and increased flexibility, and the whole is covered with an outside braid of cotton. This is a dry cable—no saturation.

ANNUNCIATOR CABLES



Paraffine Compound Finish

Trade No.		Price per Lb.	Code Word
050633	Plain single conductors	\$0.60	Bdmey
050634	Plain twin conductors	.65	Bdmfa
050635	Turned single conductors	.60	Bdmfe
050636	Turned twin conductors	.65	Bdmfk

These cables are for interior use under conditions of perfect dryness, as found in office buildings, hotels, etc. They are made up of any number of No. 18 annunciator wires cabled singly or in twisted pairs and color coded, that is each conductor insulated with a different color. The cable is protected with a heavy outside braid, thoroughly saturated in paraffine and polished.

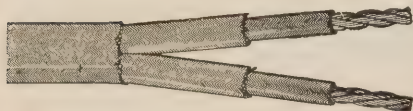
Rubber Taped and Weather Proof Compound Finish

Trade No.		Price per Lb.	Code Word
050637	Plain single conductors	.70	Bdmga
050638	Plain twin conductors	.75	Bdmge
050639	Turned single conductors	.70	Bdmgo
050640	Turned twin conductors	.75	Bdmha

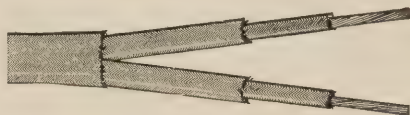
These cables are for interior use where provision must be made for dampness and moisture.

They are made up of any number of No. 18 annunciator wires, same as the office annunciator cables listed above and saturated in our paraffine compound. The cable is then wrapped with our rubber friction tape, over which is a stout cotton braid which we saturate with our black weatherproof compound.

BELDEN CORDS



No. 019381



No. 019386

GREEN FINISH INSULATED TINSEL CORDAGE

PLAIN COTTON INNER BRAID

Mercerized Cotton Outer Braid				Spun Silk Outer Braid			
Trade No.	No. of Conds.	Price per Yard	Code Word	Trade No.	No. of Conds.	Price per Yard	Code Word
019380	1	\$0.042	Fdyb	019390	1	\$0.06	Feba
019381	2	.100	Fdyg	019391	2	.13	Febe
019382	3	.144	Fdyk	019392	3	.18	Febs
019383	4	.196	Feag	019393	4	.26	Febt
019384	5	.240	Feam	019394	5	.32	Fefa

GREEN FINISH STRANDED COPPER CORDAGE

PLAIN COTTON INNER BRAID

019385	1	.032	Fdpi	019395	1	.056	Fduf
019386	2	.076	Fdpu	019396	2	.108	Fdup
019387	3	.106	Fdru	019397	3	.158	Fdur
019388	4	.136	Fdst	019398	4	.196	Fdux
019389	5	.180	Fdub	019399	5	.246	Fdva

For desk push buttons, table push buttons, annunciators, telephones, electrical instruments, medical batteries and electrical apparatus of all kinds.

The above tinsel cordage is made with 16 strands of copper tinsel and the copper conductor cordage is made with 16 strands of No. 33 copper wires.



No. 019400



No. 019404

TABLE PUSH BUTTON CORDS

Mercerized Cotton Outer Braid				Spun Silk Outer Braid			
Trade No.	Length Feet	Price Each	Code Word	Trade No.	Length Feet	Price Each	Code Word
019400	6	\$0.354	Fego	019402	6	\$0.404	Fefe
019401	9	.490	Fegu	019403	9	.570	Fefs

These cords are composed of 16 strands No. 33 copper wire, and insulated with two cotton braids. An outer braid of green mercerized cotton or green spun silk is placed over all.

RECEIVER CORDS

Green Finish Braid

Trade No.	Finish	Length Inches	Price Each	Code Word
019404	Mercerized Cotton	36	\$0.18	Feft
019405	Spun Silk	36	.26	Fega

Maroon and Black

019406	Mercerized Cotton	36	.18	Fehn
019407	Worsted	36	.19	Feig

TELEPHONE WIRES AND CABLES

RUBBER COVERED



Single Conductor, Plain Rubber



Single Conductor, Braided



Twisted Pair, Plain Rubber



Twisted Pair, Braided

TWISTED PAIR RUBBER COVERED COPPER WIRE

Price per 1000 Feet, Each Wire Braided

Trade No.	Size B. & S.	Diam. Over Rubber Ins.	BASE PRICES OF COPPER PER POUND											Code Word
			11	12	13	14	15	16	17	18	19	20	21	
08602	14	1 $\frac{1}{64}$	\$37.0	\$37.6	\$38.0	\$38.4	\$39.0	\$39.4	\$40.0	\$40.4	\$41.0	\$41.4	\$42.0	Jasop
08603	14	$\frac{5}{32}$	32.8	33.4	33.8	34.2	34.8	35.2	35.8	36.2	36.8	37.2	37.8	Jutop
08604	16	$\frac{5}{32}$	33.8	34.2	34.4	34.8	35.0	35.4	35.8	36.0	36.4	36.6	37.0	Jaopp
08605	16	$\frac{9}{64}$	29.2	29.6	29.8	30.2	30.4	30.8	31.2	31.4	31.8	32.0	32.4	Jwisp
08606	16	$\frac{4}{32}$	24.6	25.0	25.2	25.6	25.8	26.2	26.6	26.8	27.2	27.4	27.8	Jodup
08607	18	$\frac{4}{32}$	25.4	25.6	25.8	26.0	26.2	26.4	26.6	26.8	27.0	27.2	27.4	Jifup
08608	18	$\frac{7}{64}$	21.0	21.2	21.4	21.6	21.8	22.0	22.2	22.4	22.6	22.8	23.0	Jugup
08609	19	$\frac{7}{64}$	21.2	21.4	21.6	21.8	22.0	22.2	22.4	22.6	22.8	23.0	23.2	Jwhup
08610	19	$\frac{3}{32}$	16.8	17.0	17.2	17.4	17.6	17.8	18.0	18.2	18.4	18.6	18.8	Jbrup
08611	20 or 22	$\frac{3}{32}$	17.0	17.2	17.4	17.6	17.8	18.0	18.2	18.4	18.6	18.8	19.0	Jocyp

Above prices are for saturated or finished braid of any color.

Single conductors are one-half the price of twisted pair.

Triple conductors are one and one-half times the price of twisted pair.

Four conductors are twice the price of twisted pair.

No deductions will be made for lighter insulation.

For plain twisted pair wire of the following diameters deduct per 1,000 feet as follows:
 $\frac{3}{32}$ -inch, \$2.20; $\frac{7}{64}$ -inch, \$2.60; $\frac{1}{8}$ -inch, \$3.00; $\frac{9}{64}$ -inch, \$4.00; $\frac{5}{32}$ -inch, \$5.00; $\frac{11}{64}$ -inch, \$6.00.

TWISTED PAIR RUBBER COVERED IRON WIRE

Each Wire Braided

Size B. & S.	Diam. Ins. Over Rubber	Price per 1000 Ft.	Code Word	Size B. & S.	Diam. Ins. Over Rubber	Price per 1000 Ft.	Code Word
14	$\frac{5}{32}$	\$28.40	Jabgh	16	$\frac{1}{8}$	\$21.90	Jabex
16	$\frac{3}{32}$	28.00	Jabgi	18	$\frac{1}{8}$	21.60	Jabfa
16	$\frac{9}{64}$	26.50	Jabgo	18	$\frac{7}{64}$	19.40	Jabfe

DOUBLE GALVANIZED IRON WIRE

E. B. B.

B. B.

Steel

Size B.W.G.	Weight per Mile.	Mile per Coils	Trade No.	Code Word	Trade No.	Code Word	Trade No.	Code Word
4	730	$\frac{1}{4}$	06642	Jiwir	06648	Jydar	06654	Juxix
6	540	$\frac{1}{3}$	06643	Jusor	06649	Jodar	06655	Jbeks
8	380	$\frac{1}{2}$	06644	Jitor	06650	Jemar	06656	Junyp
10	260	$\frac{1}{2}$	06645	Jexor	06651	Jurar	06657	Jakyp
12	165	$\frac{1}{2}$	06646	Jwaur	06652	Jbuar	06658	Jemyp
14	96	$\frac{1}{2}$	06647	Jidur	06653	Jaxar	06659	Jibar

Owing to changes of market, prices on iron wire are given on application.

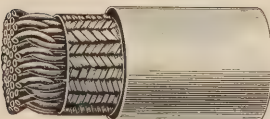
GALVANIZED STEEL STRAND

Standard Strand

Siemens-Martin Strand

Diameter Inches	Weight per 1000 Ft.	Approx. Breaking Strain, Lbs.	Price per 100 Ft.	Code Word	Approx. Breaking Strain Lbs.	Price per 100 Ft.	Code Word
$\frac{1}{2}$	510	8500	\$4.50	Norite	11000	\$2.70	Hebke
$\frac{7}{16}$	415	6500	3.75	Noring	9000	2.20	Hueke
$\frac{3}{8}$	295	5000	2.75	Norland	6800	1.75	Hohke
$\frac{1}{4}$	210	3800	2.25	Norm	4860	1.30	Hbike
$\frac{7}{16}$	125	2300	1.75	Norma	3060	.95	Hymke
$\frac{3}{8}$	75	1400	1.25	Norming	2000	.80	Hwkue
$\frac{1}{4}$	32	500	1.00	Normate	900	.50	Hiale

Composed of seven wires twisted together into a single strand.



TELEPHONE CABLES

Write for prices on all styles of multiple pair cables, paper or rubber insulated, lead encased and armored.

G-E CABLES

MOVING PICTURE MACHINE CABLES



List Prices per 1000 Feet

Size B. & S.	Weight Pounds	BASE PRICES					
		13	14	15	16	17	18
14	45	\$21.8	\$22.2	\$22.6	\$23.0	\$23.4	\$23.8
12	57	27.2	27.7	28.2	28.7	29.2	29.7
10	76	35.6	36.4	37.2	38.0	38.8	39.6
8	110	53.7	55.0	56.3	57.6	58.9	60.2
6	152	71.6	73.6	75.6	77.6	79.6	81.6
4	214	100.3	103.6	106.9	110.2	113.5	116.8

Moving picture machine cables are composed of fine wires, thus making a conductor that is extra flexible. The cable is covered with two cotton braids and a finishing braid of asbestos twine soaked in flameproof paint.

FLEXIBLE RUBBER INSULATED CABLES

For Electric Vehicles



List Prices per 1000 Feet, Single Braid

Approx. Size B. & S.	Strands	Over All Diam. Ins.	Wt. in Lbs. per 1000 Ft.	BASE PRICES					
				13	14	15	16	17	18
16	7	$\frac{1}{8}$	17	\$26.70	\$26.80	\$27.00	\$27.10	\$27.30	\$27.50
8	49	$\frac{9}{32}$	89	122.90	123.90	125.00	126.00	127.10	128.10
6	49	$\frac{5}{16}$	137	184.70	186.40	188.00	189.70	191.30	193.10
4	49	$\frac{3}{8}$	187	218.80	221.50	224.00	226.60	229.20	231.90
2	49	$\frac{7}{16}$	283	305.00	309.00	313.00	317.00	322.00	326.00

This cable is composed of extra flexible strands of tinned copper wires and insulated with a high grade rubber compound to the over all diameters specified above. This cable is finished plain (no tape or braid). Cable of this type resists sulphuric acid fumes.

TWIN CONDUCTOR ARMORED CABLES

For Automobile Lighting



List Prices per 1000 Feet

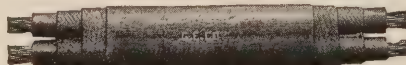
Approx. Size B. & S.	Over All Diam. Ins.	Wt. in Lbs. per 1000 Ft.	BASE PRICES					
			13	14	15	16	17	18
14	$\frac{5}{16}$	70	\$60.8	\$61.6	\$62.4	\$63.2	\$64.0	\$64.8
12	$\frac{11}{32}$	100	93.8	95.0	96.2	97.4	98.6	99.8
10	$\frac{3}{8}$	140	121.3	123.2	125.1	127.0	128.9	130.8

Each conductor is covered with a cotton wrap, tape and braid of distinguishing color, and the two conductors are stranded together with dry jute filler to make round and then saturated with moisture-proof compound; over all is applied a black glazed braid run through a weather-proof and oil-proof varnish. The cable is protected with a brass wire armor tightly braided.

This type of cable may be exposed if necessary, for the brass armor is in keeping with the standard finish of automobile accessories.

TWIN CHARGING CABLES

For Automobile Charging



List Prices per 1000 Feet

Size B. & S.	Cap. Amp.	Stranding	BASE PRICES					
			13	14	15	16	17	18
8	25	49/25	\$155.4	\$157.4	\$159.6	\$161.6	\$163.8	\$165.8
6	40	49/23	237.6	241.0	244.2	247.6	250.8	254.4
5	50	49/22	247.7	251.9	255.9	260.3	264.7	268.9
4	65	49/21	280.6	286.0	291.0	296.2	301.4	306.8
1	100	49/18	562.0	572.0	582.0	594.0	604.0	614.0
0	125	61/18	682.0	694.0	708.0	722.0	734.0	748.0

Automobile or twin charging cables are extra flexible, with N. E. C. standard rubber insulation, finished with a braid on each conductor and two braids over all.

LEAD COVERED CABLES

1911 NATIONAL ELECTRIC CODE SPECIFICATIONS—0 TO 600 VOLTS
CIRCULAR MIL CABLES



Trade No.	Size C. M.	No. Strands	Diam. Copper	Thickness Rubber	Thickness Lead	Outside Diam., In.	Approx. Weight, per 1000 Ft.
078801	2,000,000	91	1.623	8-64	7-64	2.24	11048
078802	1,750,000	91	1.518	8-64	7-64	2.13	10000
078803	1,500,000	91	1.403	8-64	7-64	2.02	8948
078804	1,250,000	91	1.272	8-64	6-64	1.87	7403
078805	1,000,000	61	1.148	7-34	6-64	1.70	6217
078806	950,000	61	1.116	7-64	6-64	1.67	5998
078807	900,000	61	1.085	7-64	6-64	1.64	5775
078808	850,000	61	1.058	7-64	6-64	1.61	5558
078809	800,000	61	1.026	7-64	6-64	1.58	5336
078810	750,000	61	.990	7-64	6-64	1.54	5098
078811	700,000	61	.959	7-64	6-64	1.51	4879
078812	650,000	61	.923	7-64	6-64	1.47	4643
078813	600,000	61	.887	7-64	5-64	1.40	4042
078814	550,000	61	.851	7-64	5-64	1.36	3818
078815	500,000	61	.810	6-64	5-64	1.29	3505
078816	450,000	37	.770	6-64	5-64	1.25	3286
078817	400,000	37	.728	6-64	5-64	1.20	3040
078818	350,000	37	.676	6-64	5-64	1.15	2799
078819	300,000	37	.630	6-64	5-64	1.10	2554
078820	250,000	37	.574	6-64	5-64	1.05	2311

STRANDED
Single

Trade No.	Size B. & S.	No. Strands	Thickness Rubber	Thickness Lead	Outside Diam., In.	Weight, per 1000 Ft.
078821	0000	19	5-64	5-64	.97	2037
078822	000	19	5-64	4-64	.88	1578
078823	00	19	5-64	4-64	.83	1394
078824	0	19	5-64	4-64	.76	1207
078825	1	19	5-64	4-64	.69	1030
078826	2	19	4-64	4-64	.62	874
078827	4	7	4-64	4-64	.56	716
078828	6	7	4-64	4-64	.51	605

SOLID
Single

Trade No.	Size B. & S.	Thickness Rubber	Thickness Lead	Outside Diam., Ins.	Weight per 1000 Ft.
078829	4	4-64	4-64	.53	666
078830	6	4-64	4-64	.49	569
078831	8	3-64	4-64	.42	451
078832	10	3-64	3-64	.35	293
078833	12	3-64	3-64	.33	262
078834	14	3-64	3-64	.32	244
078835	16	3-64	3-64	.31	232

DUPLEX
Solid

Trade No.	Size	Thickness	Thickness	Outside	Weight
078836	4	4-64	4-64	1.00	1432
078837	6	4-64	4-64	.86	1138
078838	8	3-64	4-64	.72	902
078839	10	3-64	3-64	.61	586
078840	12	3-64	3-64	.57	524
078841	14	3-64	3-64	.55	458
078842	16	3-64	3-64	.53	464

Prices are quoted on application.

TELEPHONE, ELECTRIC LIGHT AND POWER CABLES

TELEPHONE CABLES



Taped and Braided Finish				Lead Covered			
Trade No.	No of Pairs	Size Cond.	Code Word	Trade No.	No. of Pairs	Size Cond.	Code Word
054691	5	19 $\frac{3}{32}$	Bevra	054699	5	19 $\frac{3}{32}$	Bevyf
054692	10	19 $\frac{3}{32}$	Bevro	054700	10	19 $\frac{3}{32}$	Bewag
054693	15	19 $\frac{3}{32}$	Bevta	054701	15	19 $\frac{3}{32}$	Bewak
054694	20	19 $\frac{3}{32}$	Bevto	054702	20	19 $\frac{3}{32}$	Bewao
054695	25	19 $\frac{3}{32}$	Bevua	054703	25	19 $\frac{3}{32}$	Bewce
054696	30	19 $\frac{3}{32}$	Bevux	054704	30	19 $\frac{3}{32}$	Bewep
054697	40	19 $\frac{3}{32}$	Bevwe	054705	40	19 $\frac{3}{32}$	Bewev
054698	50	19 $\frac{3}{32}$	Bevyc	054706	50	19 $\frac{3}{32}$	Bewir

Prices quoted upon application.

PAPER INSULATED LEAD ENCASED CABLES

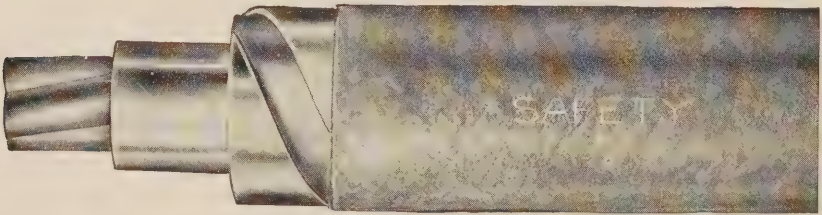
For Light and Power



Single Solid

In the manufacture of Safety paper insulated cables only the very best quality of pure manila rope paper is used and of such thickness as our experience has shown to be necessary for the service intended. This paper insulation is thoroughly saturated (by vacuum process) with an insulating compound that is unequalled. Safety paper cables can be handled in zero weather and they are given preference by many of the largest public service corporations in America.

PARK AND SUBURBAN CABLES



For Laying Directly in the Ground without Ducts

The cables consist of any desired number of conductors, each seamless rubber insulated, laid up with jute, lead covered, again juted and armored with two layers of steel tape and treated over all with a heavy asphalted jute braid.

Ideal for suburban, boulevard or park lighting, because the cables can be laid a short distance under the sod and while the first cost of the cable is greater than the ordinary lead covered cable the elimination of ducts, repaving, man holes, hand holes, junction boxes, etc., effects a very material saving.

These cables have been extensively used in connection with ornamental street lighting systems and are an established success.

These cables can also be used as submarine cable for crossing small streams, for operating motor driven bridges, etc. Can also be laid in concrete.

Prices quoted upon application.

MAGNET WIRE

COTTON COVERED

Single Wound		Price per Lb.	Code Word	Double Wound		Price per Lb.	Code Word
Size B. & S. Gauge	Approximate Feet, per Lb.			Size B. & S. Gauge	Approximate Feet, per Lb.		
0	3	....	Eebs	0	3	....	Efbs
1	4	....	Eebt	1	4	....	Efbs
2	5	....	Eefa	2	5	....	Efbs
3	6	....	Eefe	3	6	....	Efbs
4	8	....	Eefs	4	8	....	Efbs
5	10	....	Eeft	5	10	....	Efbs
6	12	....	Eega	6	12	....	Efbs
7	16	....	Eego	7	15	....	Efbs
8	20	....	Eegu	8	19	....	Efbs
9	25	....	Eehn	9	24	....	Efbs
10	31	....	Eeig	10	30	....	Efbs
11	39	....	Eejo	11	38	....	Efbs
12	49	....	Eeke	12	47	....	Efbs
13	62	....	Eeki	13	59	....	Efbs
14	78	....	Eeks	14	75	....	Efbs
15	98	....	Eeld	15	95	....	Efbs
16	124	....	Eelg	16	119	....	Efbs
17	155	....	Eelt	17	150	....	Efbs
18	196	....	Eeln	18	188	....	Efbs
19	247	....	Eemp	19	237	....	Efbs
20	311	.58	Eemu	20	298	.64	Efbs
21	389	.60	Eenc	21	370	.70	Efbs
22	491	.62	Eend	22	461	.74	Efbs
23	624	.65	Eenk	23	584	.78	Efbs
24	778	.68	Eeob	24	745	.84	Efbs
25	958	.73	Eeof	25	903	.92	Efbs
26	1188	.80	Eeon	26	1118	1.00	Efbs
27	1533	.86	Eeph	27	1422	1.10	Efbs
28	1903	.92	Eepo	28	1759	1.20	Efbs
29	2461	.98	Eept	29	2207	1.30	Efbs
30	2893	1.08	Eesh	30	2534	1.42	Efbs
31	3483	1.19	Eeth	31	2768	1.54	Efbs
32	4414	1.27	Eeuf	32	3137	1.64	Efbs
33	5688	1.44	Eeul	33	4697	1.88	Efbs
34	6400	1.73	Eeum	34	6168	2.20	Efbs
35	8393	1.86	Eeur	35	6737	2.67	Efbs
36	9846	2.12	Efad	36	7877	3.00	Efbs
37	11636	2.70	Efag	37	9309	4.30	Efbs
38	13848	3.60	Efal	38	10666	5.70	Efbs
39	18286	4.70	Efas	39	11907	7.20	Efbs
40	24381	6.00	Efba	40	14222	9.00	Efbs
SILK COVERED							
20	319	.88	Egba	20	312	1.12	Egno
21	398	.90	Egbi	21	389	1.15	Egnu
22	504	.92	Egca	22	493	1.22	Egof
23	645	.96	Egco	23	631	1.28	Egog
24	795	1.02	Egde	24	779	1.38	Egok
25	1004	1.10	Egdu	25	966	1.48	Egon
26	1240	1.20	Egeg	26	1202	1.65	Egov
27	1615	1.30	Egek	27	1542	1.85	Egru
28	2023	1.40	Egem	28	1917	2.00	Egsu
29	2625	1.53	Eget	29	2485	2.22	Egub
30	3335	1.70	Egte	30	2909	2.56	Eguc
31	3820	1.92	Egga	31	3683	3.08	Eguh
32	4876	2.16	Egid	32	4654	3.40	Egup
33	6243	2.46	Egil	33	5689	4.00	Egur
34	7757	2.90	Egim	34	7111	4.60	Egvo
35	9660	3.38	Egko	35	8534	5.28	Egvu
36	11907	3.93	Egla	36	10039	5.98	Egyb
37	13474	4.66	Egma	37	10666	7.37	Egyg
38	16516	5.58	Egme	38	14222	8.43	Egyk
39	22261	6.76	Egne	39	16516	9.75	Egyn
40	26947	8.14	Egni	40	21333	11.53	Ehab

WIRE.

BARE COPPER WIRE.

Trade No.	Size B. & S.	Code Word.	Trade No.	Size B. & S.	Code Word.	Trade No.	Size B. & S.	Code Word.
7062	0000	Nolana	7068	3	Nome	7074	10	Nominalism
7063	000	Nolanad	7069	4	Nomen	7075	12	Nominalist
7064	00	Nomaney	7070	5	Nomens	7076	14	Nominalistic
7065	0	Nombril	7071	6	Nomic	7077	16	Salaam
7066	1	Nomandise	7072	7	Nomial	7078	18	Nominalize
7067	2	Nomarchy	7073	8	Nomical	7079	20	Nonitho

Prices quoted on application. When ordering be sure and specify if hard or soft drawn is wanted.

GERMAN SILVER RESISTANCE WIRE.

18 PER CENT GERMAN SILVER.

Bare.											
Size B. & S.	Price per Lb.	Code Word.	Size B. & S.	Price per Lb.	Code Word.	Size B. & S.	Price per Lb.	Code Word.	Size B. & S.	Price per Lb.	Code Word.
16 and larger	\$0.78	Subad	24	\$1.08	Seudd	30	\$1.75	Sweld	36	\$ 6.50	Supps
17 and 18	.80	Sofad	25	1.08	Sybed	31	1.95	Suend	37	11.50	Solss
19 and 20	.83	Swiad	26	1.14	Sitid	32	2.35	Swand	38	18.00	Sbats
21	.95	Samad	27	1.25	Sogid	33	2.60	Sydod	39	25.00	Sifts
22	.98	Sdoad	28	1.40	Sykid	34	2.95	Sufod	40	30.00	Semts
23	1.03	Sbrad	29	1.55	Suald	35	3.65	Sblod	..	.....	.....

Insulated.

COTTON.				SILK.		Code	COTTON.				SILK.		Code
B. & S.	Single.	Double.	Single.	Double.	Word.	Size	B. & S.	Single.	Double.	Single.	Double.	Word.	
16	\$1.40	\$1.70	\$1.85	\$2.38	Somod	29	\$2.60	\$3.13	\$3.85	\$5.00		Socbe	
17	1.40	1.70	1.85	2.38	Sinod	30	2.84	3.38	4.14	5.33		Sedbe	
18	1.40	1.70	1.85	2.38	Sesod	31	3.09	3.66	4.52	5.81		Sdebe	
19	1.40	1.70	1.85	2.38	Satod	32	3.59	4.21	4.94	6.23		Sufbe	
20	1.42	1.74	1.88	2.43	Siwud	33	3.96	4.64	5.46	6.89		Saibe	
21	1.44	1.75	1.93	2.48	Sacyd	34	4.61	5.44	5.84	7.29		Sbobe	
22	1.52	1.83	2.06	2.64	Syfyd	35	5.01	5.69	7.52	9.45		Swybe	
23	1.62	1.98	2.21	2.87	Sosyd	36	8.09	8.88	10.00	11.75		Sofce	
24	1.71	2.09	2.37	3.08	Setyd	37	13.00	13.75	18.50	22.00		Sulce	
25	1.84	2.26	2.65	3.48	Sixyd	38	24.00	27.00	28.00	33.00		Since	
26	2.05	2.48	3.02	3.93	Suvae	39	33.00	36.00	38.00	40.00		Sawce	
27	2.25	2.73	3.23	4.20	Syabe	40	40.00	42.00	45.00	48.00		Seade	
28	2.45	2.98	3.42	4.43	Sibbe	..	.....	.....	.....	.....		.....
Code Word Style.	Sagyb	Semub	Swiub	Sodyb			Sudac	Sukyby	Sabac	Sepyb			

SPRING BRASS WIRE.

Size B. & S.	Price per Lb.	Code Word.	Size B. & S.	Price per Lb.	Code Word.	Size B. & S.	Price per Lb.	Code Word.	Size B. & S.	Price per Lb.	Code Word.
0 to 10	\$0.30	Sobde	23	\$0.35	Sdafe	29	\$0.52	Semfe	35	\$0.77	Sifeb
11 to 16	.30½	Sucde	24	.37	Subfe	30	.55	Sopfe	36	.83	Sykeb
17 and 18	.31	Sydde	25	.39	Sidfe	31	.58	Sdrab	37	1.07	Saneb
19 and 20	.32	Safde	26	.42	Swefe	32	.62	Swyab	38	1.37	Subib
21	.33	Sigde	27	.45	Sygfe	33	.66	Sdaeb	39	2.07	Sydib
22	.34	Sdude	28	.49	Salfe	34	.71	Sobeb	40	2.67	Sakib

Above prices are based on lots of 100 pounds of a size in coils. An advance will be made for smaller lots or for wire on spools, as follows:

On	1	2	3	4	5	6	7	8	9	10 pound spools
Add	12	11	10	9	8	7	6	5	4	3 cents per lb.

Less than 1-lb. spools, 24 cents per lb. additional.

BINDING WIRE.

Tinned Steel.				Brass.				Phosphor-Bronze.			
Trade No.	No. B. & S.	Price per Lb.	Code Word.	Trade No.	No. B. & S.	Price per Lb.	Code Word.	Trade No.	No. B. & S.	Price per Lb.	Code Word.
5004	14	\$0.46	Sonib	6004	14	\$0.60	Syaob	4614	14	\$1.20	Sdyob
5006	16	.46	Sitib	6006	16	.60	Sibob	4616	16	1.20	Suorb
5008	18	.46	Swalb	6008	18	.62	Socob	4618	18	1.22	Saurb
5010	20	.52	Saolb	6010	20	.64	Sweob	4620	20	1.24	Sudub
5012	22	.56	Soamb	6012	22	.70	Suhob	4622	22	1.32	Sofub
5014	24	.60	Sbomb	6014	24	.76	Sapob	4624	24	1.40	Sigub

TRUMBULL LUGS AND CONNECTORS

ANGLE LUGS



No. 8703

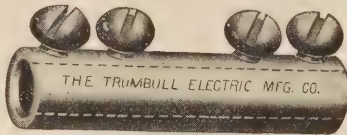
Trade No.	Mfrs. No.	Amp.	Wire	SIZE INCHES Hole Stud Hole	Price Each	Code Word
065607	8700	60	4	$\frac{3}{8}$	\$0.10	Atvpe
065608	8701	75	3	$\frac{3}{8}$	.128	Atves
065609	8702	100	0	$\frac{7}{16}$	.21	Atvew
065610	8703	150 } 200 }	0000	$\frac{9}{16}$	.36	Atvex
065611	8704	250 }	325,000			
		300 }	C. M. Cable	$\frac{11}{16}$	.68	Atvfu
065612	8705	400 }	425,000 C. M	$\frac{13}{16}$	1.24	Atvhu
		500 }	750,000			
065613	8706	600 }	C. M. Cable	1	1.72	Atvia
		800 }	1,000,000			
065614	8707	1000 }	C. M. Cable	$1\frac{1}{8}$	3.40	Atvio

WIRE CONNECTORS

For Solid and Stranded Cable—Wire Hole Extends all Way Through



No. 2200



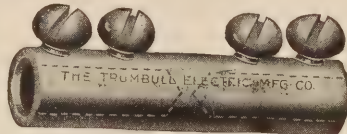
No. 2208

Trade No.	Mfrs. No.	Length, Inches	DIAM. INS.		Two Screws		Std. Pkg.	Wt. Lbs.	Price Each	Code Word
			Outside	Inside	LARGEST SOLID	WIRE STRANDED				
065615	2200	1 $\frac{1}{2}$	$\frac{5}{16}$	.106	12	...	100	2 $\frac{1}{2}$	\$0.05	Atviv
065616	2201	1 $\frac{1}{2}$	$\frac{5}{16}$	.147	8	....	100	3	.06	Atvju
065617	2202	1 $\frac{3}{4}$	$\frac{5}{8}$	.185	6	8	100	5	.07	Atvki
065618	2203	1 $\frac{7}{8}$	$\frac{7}{16}$	.228	4	5	100	7	.08	Atvna
065619	2204	1 $\frac{7}{8}$	$\frac{1}{2}$	$\frac{9}{32}$	2	3	100	8	.10	Atvoc
065620	2205	1 $\frac{7}{8}$	$\frac{9}{16}$	$\frac{11}{32}$	0	2	50	7	.12	Atvof
065621	2206	1 $\frac{7}{8}$	$\frac{5}{8}$	$\frac{3}{8}$	00	1	50	9	.14	Atvol
Four Screws										
065622	2207	1 $\frac{7}{8}$	$\frac{7}{16}$	.228	4	5	100	8	.09	Atvos
065623	2208	1 $\frac{7}{8}$	$\frac{1}{2}$	$\frac{3}{32}$	2	3	100	9 $\frac{1}{2}$	.11	Atvpe
065624	2209	1 $\frac{7}{8}$	$\frac{9}{16}$	$\frac{3}{32}$	0	2	50	6 $\frac{1}{2}$	.13	Atvpi
065625	2210	1 $\frac{7}{8}$	$\frac{5}{8}$	$\frac{3}{8}$	00	1	50	8 $\frac{1}{2}$	.15	Atvra
065626	2211	2	$\frac{11}{16}$	$\frac{7}{16}$	000	00	50	14	.22	Atvro
065627	2212	2	$\frac{3}{4}$	$\frac{1}{2}$	0000	000	50	20	.28	Atvta
065628	2213	2 $\frac{3}{16}$	$\frac{7}{8}$	$\frac{9}{16}$	....	0000	25	13	.38	Atvto

For Flexible Cable—Wire Hole Extends One-Half Way Through



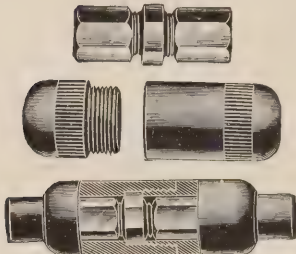
No. 960



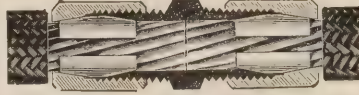
No. 970

Trade No.	Mfrs. No.	Size of Std. Cable	No. Screws	Length Inches	DIAM. INS.		Std. Pkg.	Price Each	Code Word
					Outside	Inside			
065629	960	12-14	2	1 $\frac{1}{4}$	.110	$\frac{1}{4}$	200	\$0.03 $\frac{1}{2}$	Atvua
065630	961	10	2	1 $\frac{1}{4}$	.140	$\frac{5}{16}$	200	.04	Atvux
065631	962	10	4	1 $\frac{1}{2}$	.140	$\frac{5}{16}$	200	.05 $\frac{3}{4}$	Atvwe
065632	963	8	2	1 $\frac{1}{4}$	.160	$\frac{5}{16}$	200	.04 $\frac{1}{4}$	Atvyc
065633	964	8	4	1 $\frac{1}{2}$	.160	$\frac{5}{16}$	200	.06	Atvyf
065634	965	6-7	2	1 $\frac{1}{4}$	.209	$\frac{5}{8}$	150	.05	Atwag
065635	966	6-7	4	1 $\frac{1}{2}$	.209	$\frac{5}{8}$	150	.06 $\frac{1}{4}$	Atwak
065636	967	4-5	2	1 $\frac{1}{2}$	.265	$\frac{7}{16}$	100	.07	Atwao
065637	968	4-5	4	1 $\frac{7}{8}$	.265	$\frac{7}{16}$	100	.09	Atwce
065638	969	2-3	2	1 $\frac{1}{2}$	.312	$\frac{1}{2}$	100	.08	Atwec
065639	970	2-3	4	1 $\frac{7}{8}$	.312	$\frac{1}{2}$	100	.11	Atwep
065640	971	0-1	4	2 $\frac{1}{4}$	.390	$\frac{9}{16}$	50	.14	Atwew
065641	972	00	4	2 $\frac{1}{2}$	.437	$\frac{5}{8}$	50	.17	Atwik
065642	973	000	4	2 $\frac{7}{8}$	.500	$\frac{3}{4}$	25	.28	Atwir
065643	974	0000	4	2 $\frac{7}{8}$	.562	$\frac{7}{8}$	25	.42	Atwis

DOSSERT CONNECTORS



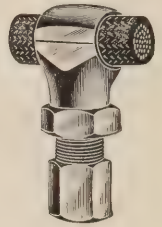
Insulated Cover.



Two Way, Type A.



Three Way.



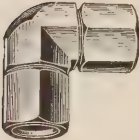
Cable Tap.



Reducers.



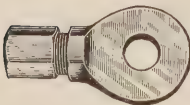
Type Y.



Elbow.



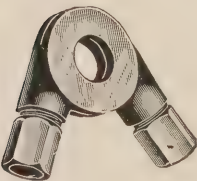
Front Lug.



Back Lug.



Angle Lug.



Swivel Lug.

Dossert & Company make a mechanical joint for solid or stranded conductor which has great mechanical strength and an electrical conductance in excess of that of the cable. The joint (Type A) consists of a nipple, two compression sleeves or bushings and two compression nuts. As shown, the compression sleeves are split lengthwise and tapered at both ends. The tapered ends of the sleeve fit into correspondingly tapered parts of the nipple and nut. When the nut is screwed up on the nipple the action of the taper causes the compression sleeve to decrease in diameter and grip the strands tightly together, thereby, getting good electrical contact.

Lugs, 3-ways, Y's, Reducers, Elbows, and many other types of connectors are made with this principle for making the electrical connections and can be used for connections on switchboards, panels, bus bars, transformers, meters, electric smelting furnaces, fuse blocks, service boxes, grounding secondaries, etc.

For overhead work where the cables are subjected to considerable tensile strain, another type of joint (Type B) is made, but for general use the above described connector is recommended and almost always used.

A special application of this joint is the Cable Tap. It consists of a hook, cover, jam nut, compression sleeve and compression nut. The hook is machined to fit the main cable while its shank is drilled and threaded to form the nipple of a standard Dossert Joint for size of branch required.

When main and branch cables are of different sizes, please give size of main first in ordering cable taps. To determine the list price of a cable tap of an odd size: Add the list price of the two-way connector for the main to half the list price of a two-way for the branch.

Reducers are made in two-ways and three-ways. The accompanying cut shows a two-way reducer. Any combination of reduction can be effected by means of these reducers. To ascertain the list price of a two-way, take one-half the list price of a regular two-way of the corresponding size of each end.

The elbow makes an admirable right angle connection. List prices same as for straight 2-way connectors of corresponding size.

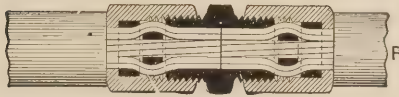
The insulated cover, in connection with the Dossert two-way connectors, is the best thing ever devised for motor terminals, car wiring, etc. These insulating covers can be used on No. 1 Dossert 2-way connectors only. By our method of sleeving down, No. 1 takes all wires from No. 1 down to No. 8, using different sleeves for each size. List price of No. 1 cover, 26 cents each; with connector complete, 76 cents each.

When ordering connectors for cables of standard stranding, it will be necessary to give us only the circular millage of the cable.

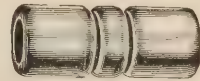
In ordering the smaller sizes of connectors from No. 0000 down, please be sure and state whether for stranded or solid wires.

Do not use the words "T Joints" or "Tees." In ordering connectors of that character state plainly "three-ways" or "Cable Taps." The three-ways are used where the main is to be spliced. The cable taps are used where the main is not cut.

DOSSERT CONNECTORS



Two Way, Type B



Type C

TYPES A, B AND C CONNECTORS

Size of Cable	TWO WAY		THREE WAY		STYLE Y		CABLE TAP		STANDARD LUG	
	Price Each	Code Word	Price Each	Code Word	Price Each	Code Word	Price Each	Code Word	Price Each	Code Word
*14-4	\$0.40	Dvju	\$0.60	Dwsa	\$0.60	Dyev	\$0.60	Eafo	\$0.30	Eant
* 3-1	.50	Dvki	.75	Dwsu	.75	Dyfa	.75	Eafs	.38	Eaob
0	.60	Dvna	.90	Dwud	.90	Dygu	.90	Eaft	.45	Eaog
00	.74	Dvoc	1.11	Dwve	1.11	Dyka	1.11	Eafu	.56	Eaov
000	.90	Dvof	1.35	Dwya	1.35	Dyko	1.35	Eaga	.68	Eape
0000	1.10	Dvol	1.65	Dwyl	1.65	Dylo	1.65	Eage	.83	Eapu
250000	1.30	Dvos	1.95	Dxag	1.95	Dydp	1.95	Eagm	.98	Eara
300000	1.52	Dvpe	2.28	Dxam	2.28	Dyof	2.28	Eags	1.14	Earf
350000	1.74	Dvpi	2.61	Dxar	2.61	Dyol	2.61	Eahm	1.31	Earu
400000	2.00	Dvra	3.00	Dxef	3.00	Dysk	3.00	Eahn	1.50	Eash
450000	2.30	Dvro	3.45	Dxeh	3.45	Dyuf	3.45	Eaht	1.73	Easu
500000	2.60	Dvta	3.90	Dxel	3.90	Dyvu	3.90	Eahu	1.95	Eath
550000	2.90	Dvto	4.35	Dxeo	4.35	Dyxt	4.35	Eaif	2.18	Eats
600000	3.18	Dvua	4.77	Dxfa	4.77	Eabe	4.77	Eaik	2.39	Eauc
650000	3.44	Dvux	5.16	Dxhe	5.16	Eabo	5.16	Eain	2.58	Eaug
700000	3.68	Dvwe	5.52	Dxip	5.52	Eabs	5.52	Eaix	2.76	Eauk
750000	3.92	Dvyc	5.88	Dxis	5.88	Eabt	5.88	Eaja	2.94	Eaum
800000	4.16	Dvyf	6.22	Dxiv	6.22	Eabu	6.22	Eaje	3.11	Eaur
850000	4.40	Dwak	6.60	Dxmu	6.60	Eaca	6.60	Eaka	3.30	Eayg
900000	4.64	Dwak	6.96	Dxor	6.96	Eack	6.96	Eako	3.48	Eayl
1000000	5.00	Dwao	7.50	Dxor	7.50	Eaco	7.50	Eakt	3.75	Ebac
1100000	5.50	Dwce	8.25	Dxpo	8.25	Eacu	8.25	Eala	4.13	Ebad
1200000	6.00	Dwec	9.00	Dxta	9.00	Eada	9.00	Ealb	4.50	Ebaf
1300000	6.50	Dwep	9.75	Dxuc	9.75	Eado	9.75	Eald	4.88	Ebap
1400000	7.00	Dwev	10.50	Dxut	10.50	Eads	10.50	Eale	5.25	Ebar
1500000	7.50	Dwik	11.25	Dxyd	11.25	Eaeb	11.25	Ealn	5.63	Ebba
1600000	8.00	Dwir	12.00	Dyab	12.00	Eaek	12.00	Eamb	6.00	Ebbe
1700000	8.50	Dwis	12.75	Dyap	12.75	Eaet	12.75	Eame	6.38	Ebbo
1800000	9.00	Dwoa	13.50	Dyat	13.50	Eaev	13.50	Eamp	6.75	Ebca
1900000	9.50	Dwoh	14.25	Dybe	14.25	Eafe	14.25	Eani	7.13	Ebcu
2000000	10.00	Dwot	15.00	Dyck	15.00	Eafi	15.00	Eanp	7.50	Ebde

EXTRA SLEEVES

Trade No.	Size of Nut	Size of Cable	Price per 100	Code Word
018502	4	4- 14	\$ 8.00	Ebdo
018503	1	1- 12	9.00	Ebeb
018504	0	0- 12	12.00	Ebed
018505	00	00- 12	14.00	Eben
018506	000	000- 12	16.00	Ebet
018507	0000	0000-000	20.00	Ebfa
018508	0000	00- 0	22.00	Ebfe
018509	0000	1- 12	24.00	Ebge

*Dossert Connectors of a given size may be used on cables of a smaller size by simply changing the sleeves. The accompanying table shows how each size may be sleeved down. For example, a connector for No. 4 stranded cable may be sleeved to take any smaller size down to No. 14, either solid or stranded, a different sleeve being used for each size of wire or cable. This increases the flexibility of our devices.

We send Type A Connectors on all orders unless otherwise specified. When ordering Type B Connectors please give number of strands in cable. When made with a round nipple and round nuts, the connector is styled Type C. The round style connector is used on high-tension alternating current circuits where sharp corners and points are undesirable. Prices of Types A, B and C Connectors are the same.

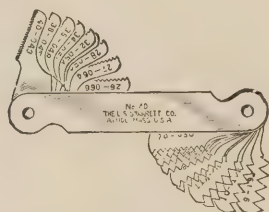
WIRE GAUGES AND REELS



No. 063701



No. 063702



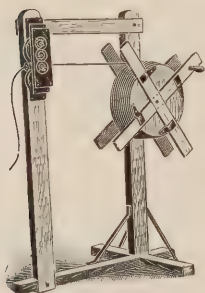
No. 063703



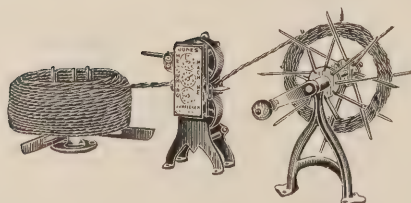
No. 063705



No. 063706



No. 012640



No. 042548 No. 042549 No. 042550

PALETTE WIRE GAUGES

Trade No.	Price Each	Code Word
063701	\$1.20	Baigh

Pocket wire gauge for measuring wire from No. 18 to No. 000 B & S gauge. On the front is also given the carrying capacity of copper wire in amperes and on the reverse side the approx. decimal equivalent of the various size wires.

U. S. WIREMAN'S CALCULATING GAUGES

Trade No.	Price Each	Code Word
063702	2.00	Baibe

On one side set the required number of feet on the small circle opposite the required number of amperes on the large circle, then set the small pointer at the required voltage and loss.

On the reverse side the large pointer will indicate the required size of wire in B. & S. gauge and will also indicate the safe carrying capacity, while the wire may be gauged by the slot A.

STARRETT'S SCREW PITCH GAUGES

Trade No.	Price Each	Code Word
063703 No. 40	2.00	Baiko

This gauge has twenty-two pitches, viz.: 9, 10, 11, 11½, 12, 13, 14, 15, 16, 18, 20, 22, 24, 26, 27, 28, 30, 32, 34, 36, 38, 40. Can be used inside a nut as well as on the outside of a screw or bolt.

AMERICAN STANDARD WIRE GAUGES

Trade No.	Mfrs. No.	Wire Sizes B. & S.	Price Each	Code Word
063704	730	0 to 36	\$5.00	Baiks
063705	732	5 to 36	4.00	Baif

SCREW AND WIRE GAUGES

Trade No.	Price Each	Code Word
063706 760 Pocket Size	5.00	Bailk

MINNEAPOLIS REELS AND METERS

Trade No.	Wt. Lbs.	Price Each	Code Word
012640 Reel and meter	75	\$30.00	Qyfka
012641 Meter only	10	19.25	Qukka
012642 Counter meter	12	19.75	Qenka
012643 Cable meter	35	30.00	Qipka

WIRE MEASURING OUTFITS

Trade No.	Price Each	Code Word
042548 Folding reel	5½ 6.00	Aissu
042549 Measuring machine	5¼ 15.00	Aisto
042550 Wire winder	3¾ 10.00	Aisuv

The above is used in measuring lamp cord and wires from Nos 6 to 22 inclusive.

It can be fastened either to counter or side of wall. Winder and reel can be closed up when not in use

INSULATING TAPES

Rival
Friction TapeRoyal
Friction TapeManson
Friction TapeImperial
Rubber TapeUnion
Splicing CompoundOkonite
Rubber Tape

FRICTION TAPE

		Rival		
Trade No.		Width Inches	Weight, Lbs. per Roll	Price per Pound
086631	Black	$\frac{3}{4}$	$\frac{1}{2}$	\$0.70
Royal				
086632	Black	$\frac{3}{4}$	$\frac{1}{2}$	.80

This tape is particularly recommended. It is very adhesive, and has stood the test of years of use.

		Manson		
086633	Black	$\frac{3}{4}$	$\frac{1}{2}$	1.16
086634	White	$\frac{3}{4}$	$\frac{1}{2}$	1.16

		Grimshaw		
086635	Black	$\frac{3}{4}$	$\frac{1}{2}$	1.70
086636	White	$\frac{3}{4}$	$\frac{1}{2}$	1.70

		Competition		
086637	Black	$\frac{3}{4}$	$\frac{1}{2}$	1.04
086638	White	$\frac{3}{4}$	$\frac{1}{2}$	1.04

		Walpole, Jr.		
086639	Black	$\frac{3}{4}$	$\frac{1}{4}$	.60

Put up in $\frac{1}{4}$ -pound tins or cans, it is very convenient to handle, at the same time being kept in a fresh condition.

RUBBER TAPE AND SPLICING COMPOUND

Imperial

Imperial Rubber Tape represents the best value for its cost, and finds a number of users who find Okonite too expensive.

086640	Black	$\frac{3}{4}$	$\frac{1}{2}$	1.00
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		Union		
086641	Black	$\frac{3}{4}$	$\frac{1}{2}$.90

Okonite

Okonite Tape needs no comment. During the many years on the market it has never wavered in reputation or use.

086642	Black	$\frac{3}{4}$	$\frac{1}{2}$	1.86
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ARMATURE AND FIELD TAPES



Tapes best suited for winding armature coils are the quality Nos. 1000, 2000, 3000, Nos. 7118 and 117203, depending on the size of the armature slots and the quality of the work desired. These tapes are also suitable for winding the fields of small motors.

Tapes best suited for large motor and generator fields are the Nos. 5008, 4238, 6012, 7012, and quality No. 8000.

Tapes best suited for winding railway motor fields are the quality No. 9000.

Thicknesses given are approximate.

Quality No. 1000														
Trade No.	Mfrs. No.	Width In.	Thick- ness In.	No. Yds. per Roll		Gross Yds. per Pkg.	Price per Gross Yards	Trade No.	Mfrs. No.	Width In.	Thick- ness In.	No. Yds. per Roll	Gross Yds. per Pkg.	Price per Gross Yards
088814	*1002	1/4	.006	..		7	\$0.56	088819	1008	1	.006	72	5	\$1.00
088815	*1003	3/8	.006	36	or	7	.60	088820	1010	1 1/4	.006	72	5	1.28
088816	1004	1 1/2	.006	72		5	.62	088821	1012	1 1/2	.006	36 or 72	3	1.60
088817	1005	5/8	.006	72		5	.68	088822	1016	2	.006	36 or 72	3	2.00
088818	1006	3/4	.006	72		5	.75	.....	....	...	....	...	..	....
Quality No. 2000														
088823	*2002	1/4	.006	..		7	.72	088826	2006	3/4	.006	72	5	1.00
088824	*2003	3/8	.006	36	or	7	.78	088827	2008	1	.006	72	5	1.26
088825	2004	1 1/2	.006	72		5	.80	088828	2012	1 1/2	.006	36 or 72	3	1.80
Quality No. 3000														
088829	3004	1 1/2	.007	72		5	.86	088833	4238	3/8	.010	36	3	1.10
088830	3005	5/8	.007	72		5	1.00	088834	4238	1 1/2	.010	36	3	1.20
088831	3006	3/4	.007	72		5	1.04	088835	4238	5/8	.010	36	3	1.40
088832	3008	1	.007	72		5	1.30	088836	4238	3/4	.010	36	3	1.50
Quality No. 7511														
088837	7511	1 1/2	.006	72		5	1.30	088839	6000	5/8	.008	36	5	1.36
088838	7511	5/8	.006	72		5	1.40	.....	....	...	....	...	..	....
Quality No. 5008														
088840	5008	1	.019	36 or 72		5	2.10	088841	6012	1 1/2	.015	36 or 72	3	2.10
Quality No. 7000														
088842	7008	1	.017	36 or 72		3	1.66	088846	9008	1	.020	36	3	1.90
088843	7010	1 1/4	.017	36 or 72		3	2.00	088847	9010	1 1/4	.020	36	2	2.40
088844	7012	1 1/2	.017	36 or 72		3	2.20	088848	9012	1 1/2	.020	36	2	2.80
088845	7016	2	.017	36 or 72		3	3.20	088849	9016	2	.020	36	2	4.20
Quality No. 8000														
088850	8002	1/4	.012	36		3	.44	088854	8006	3/4	.012	36	3	.82
088851	8003	3/8	.012	36		3	.52	088855	8008	1	.012	36	3	1.10
088852	8004	1 1/2	.012	36		3	.56	088856	8010	1 1/4	.012	36	3	1.40
088853	8005	5/8	.012	36		3	.64	.....	....	...	....	...	..	....
Quality No. 117203														
088857	117203	1 1/2	.005	72		5	.54	088860	117203	1	.005	72	5	.92
088858	117203	5/8	.005	72		5	.58	088861	117203	1 1/4	.005	72	5	1.20
088859	117203	3/4	.005	72		5	.68	088862	117203	1 1/2	.005	36 or 72	3	1.40
Quality No. 7118														
088863	7118	3/4	.006	72		5	.75	.....	....	...	....	...	..	....
Silk—Quality No. 4000														
Trade No.	Mfrs. No.	Width Inches	Thick- ness Inches	No. Yds. on Spool		Price per Spool	Trade No.	Mfrs. No.	Width Inches	Thick- ness Inches	No. Yds. on Spool	Price per Spool		
088864	4002	1/4	.004	100		\$1.30	088867	4004	1 1/2	.004	100	\$1.50		
088865	4003	3/8	.004	100		1.40	088868	4005	5/8	.004	100	1.90		
088866	4003 1/2	1 1/8	.004	100		1.48	.....	....	...	....	...	..	....

RED ROPE PAPER

Trade No.	Width Inches	Thickness Inches	Approx. Wt., Lbs. per 1000 Sq. Ft.	Price, per Pound by the Roll
088869	27 1/2	.005	25	\$0.12
088870	36	.007	..	.12
088871	40	.010	55	.12

*Put up on wooden spools.

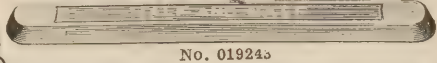
SOLDERING SUPPLIES



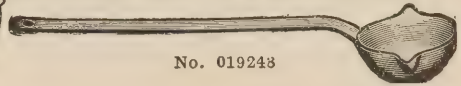
No. 019242



No. 019245



No. 019243



No. 019248

RESIN CORE FLUX SOLDER

Trade No.	Price per Lb.	Code Word
019241	\$0.50	Ehgi
019242	.50	Ehia

HALF AND HALF SOLDER

019243	In bars, .50	Ehac
019244	Wire form, .50	Ehaf



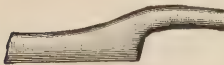
No. 019244

CAST IRON MELTING POTS

Trade No.	Size Inches	Price Each	Code Word
019245	5	\$0.80	Ehas
019246	6	1.20	Ehef
019247	8	1.50	Ehem



No. 019253



No. 019254

POURING LADLES

019248	2½	.60	Ehfu
019249	3	.60	Ehja
019250	4	.80	Ehjo
019251	5	1.20	Ehke

SHAVE HOOKS

Trade No.		Price Each	Code Word
019252	Triangle	\$0.60	Ehlo
019253	Oval	.60	Ehme



No. 019255

BOXWOOD DRESSERS

019254	For Lead Sleeves, etc.....	1.50	Ehmo
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STANDARD SOLDERING COPPERS

Trade No.	Weight Lbs.	Price per Lb.	Code Word
019255	1½	\$0.70	Ehne
019256	¾	.70	Ehns
019257	1	.70	Ehob
019258	1½	.70	Ehok
019259	2	.70	Ehon
019260	2½	.70	Ehot
019261	3	.70	Ehta
019262	4	.70	Ehuc



No. 052311



No. 019263

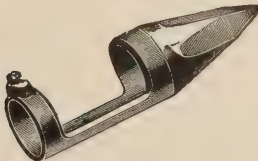
TROLLEY SOLDERING COPPERS

052313	5¼	.70	Bdrim
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PONY SOLDERING COPPERS

Trade No.	Length Inches	Price Each	Code Word
019263	12	\$1.00	Ehum
019264	11½	.90	Ehup
019265	10½	.70	Ehyk
019266	9	.50	Ehyl
019267	8½	.40	Ehym

Fitted with black lacquered handle.



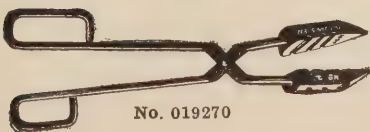
No. 019268

RITTER SOLDERING COPPERS

019268	For use with blow torch	2.00	Ehyp
In ordering state if wanted for pint or quart size.			

EXCELSIOR SOLDERING COPPERS

Trade No.	Weight Lbs.	Price Each	Code Word
019270	Joining 12, 14, 16 wire, 1¾	\$3.50	Eiak
019271	Joining 8, 10, 12 wire, 3	4.00	Eiba
019272	Joining 4, 6, 8 wire, 4	4.50	Eibs



No. 019270

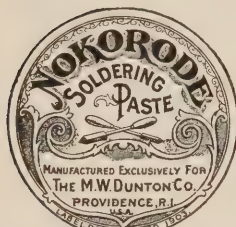
INSULATING MATERIAL



No. 063552



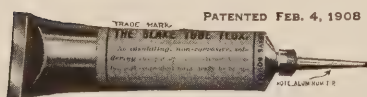
No. 059276



No. 059280



No. 059285



No. 059288



No. 059290



No. 059292



No. 059294



No. 059295

P. & B. COMPOUNDS

Trade No.	No. 1 Size Pkg.	Price per Gallon
063547	1 bbl.	\$1.50
063548	1 1/2 bbl.	1.55
063549	10 gallon	1.60
063550	5 gallon	1.60
063551	2 1/2 gallon	1.65
063552	1 gallon	1.75
063553	1/2 gallon	1.85
063554	Quart	2.25
063555	Pint	2.25
Trade No.	No. 2 Size Pkg.	Price per Gallon
063556	1 bbl.	1.25
063557	1 1/2 bbl.	1.35
063558	10 gallon	1.40
063559	5 gallon	1.40
063560	2 1/2 gallon	1.45
063561	1 gallon	1.50
063562	1/2 gallon	1.60
063563	Quart	2.00
063564	Pint	2.00

SOLDERING SALTS

Trade No.	Yager's Wt. Lbs. Bottle	Price Each
059276	1 1/2	\$0.30
059277	1	.45
059278	5	2.00
059279	10	4.00
Trade No.	Competition	Price Each
059427	1 1/2	....
059428	1	....
059429	5	....
059430	10	....

SOLDERING PASTE

Trade No.	Nokorode Size Can	Price Each
059280	2 oz.	\$0.25
059281	1 lb.	1.00
059282	10 lb.	10.00
059283	25 lb.	22.50
059284	50 lb.	45.00
Trade No.	Competition	Price Each
059431	2 oz.	.18
059432	1 lb.	1.00
059433	5 lb.	5.00
Trade No.	Highland	Price Each
059285	2 oz.	.50
059286	1 lb.	2.00
059287	5 lb.	7.50

BLAKE TUBE FLUX

Trade No.	2 oz. Tubes	Price Each
059288		.30

SOLDERING STICKS

Trade No.	Competition	Price Each
059289		\$0.25
Trade No.	Highland	Price Each
059290		.30
Trade No.	Crescent	Price Each
059291		.30

COMMUTATOR COMPOUNDS

Trade No.	Red Cross Size Ins. Stick	Price Each
059292	4 1/2 x 5/8	\$0.25
059293	4 1/2 x 3/4	.50
Trade No.	Gales	Price Each
059294	4x1	.50
Trade No.	Trotter's	Price Each
059295	4 1/2 x 5/8	.50
059296	4 1/2 x 3/8	.25

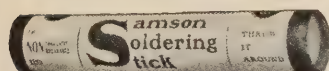
ALLEN SOLDERING SPECIALTIES



No. 039534



No. 039535



No. 039536



No. 039538



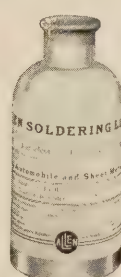
No. 039539



No. 039545



No. 039549



No. 039565



No. 039564



No. 089001



No. 089007

SOLDERING STICKS

Trade No.	Size Pkg.	Price Each
039534	Allen 1x5 1/2 in.	\$0.20
039535	Sun 1 1/8 x 5 1/2 in.	.15
039536	Samson 1x5 in.	.10

SOLDERING PASTE

Will not corrode or injure in any way, surfaces to which it is applied. Solder dipped into this paste is self-fluxing. A form of the Allen stick.

Style Pkg.	Allen		Sun Competition	
	Trade No.	Price Each	Trade No.	Price Each
2-oz. tubes	039537	\$0.20	039542	\$0.15
2-oz. cans	039538	.15	039543	.13
1/2-lb. cans	039539	.45	039544	.23
1-lb. cans	039540	.80	039545	.45
5-lb. cans	039541	3.25	039546	1.75

ALLEN SOLDERING SALTS

Trade No.	Style Pkg.	Price Each
039547	1/2-lb. bottles	\$0.30
039548	1-lb. bottles	.40
039549	5-lb. bottles	2.00

Dilute with three parts of water and apply with brush or squirt can. For clean work, add water according to requirements. For bright tin work, dissolve one pound of salts in one gallon of water.

ALLEN SOLDERING SOLUTION

Wt. Lbs.	Style Pkg.	Single Strength		Double Strength	
		Trade No.	Price per Lb.	Trade No.	Price per Lb.
5	Bottle	039565	\$0.20	039571	\$0.28
10	Bottle	039566	.17 1/2	039572	.24 1/2
50	Kit	039567	.15	039573	.23
125	Keg	039568	.13	039574	.20
250	1/2 Bbl.	039569	.12 1/2	039575	.17
500	Bbl.	039570	.11 1/2	039576	.16

Kegs and barrels charged at cost and returnable in good condition at full credit. One pound single strength makes 2 or 3 pounds of working solution, according to strength required. The double strength is especially adapted to galvanized iron and steel.

ALLEN COMMUTATOR LUBRICANT STICKS

Trade No.	Price Each
039564	For copper or carbon brushes \$0.35

ALLEN PRESTO-SODER

Presto-Soder makes any kind of electrical connections quickly, satisfactorily and very easily. Simply apply heat; that's all that is necessary. It works equally well on tin, lead, zinc, copper, brass, cast iron, steel, nickel, galvanized iron, phosphor-bronze, German silver, etc., and will unite any combination of the above metals.

Stick is in non-metallic feed case. Paste in collapsible tubes, for which we provide a removable aluminum nozzle.

Size, Pkg. Ounces	Stick Trade No.	Price Each	Paste	
			Trade No.	Price Each
1	089001	\$0.15	089007	\$0.15
2	089002	.30	089008	.30
3	089003	.40	089009	.40
4	089004	.50	089010	.50
6	089005	.75	089011	.75
.....	.....	.....	089012	.90

Larger sizes on special order. Paste also in cans. Removable aluminum nozzles to fit tubes, 5 cents each.

CRESCENT SPECIALTIES



No. 040969



No. 040970



No. 040971



No. 040976



No. 040982



No. 040988

SOLDERING STICKS

Trade No.	Star		Code Word
	Price Each		
040969	\$0.24		Agmle
Crescent			
040970	.24		Agmoa

SOLDERING PASTE

Trade No.	Size Box Oz.	Star		Code Word
		Price Each		
040971	1	\$0.10		Agmoc
040972	2	.20		Agmod
040973	4	.30		Agmok
040974	8	.50		Agmom
040975	16	.90		Agmos
Crescent				
040976	2½	.24		Agmow
040977	8	.80		Agmpt
040978	16	1.40		Agmru

SOLDERING SALTS

Trade No.	Size Box Lbs.	Crescent		Code Word
		Price Each		
040979	½	\$0.40		Agmth
040980	1	.60		Agmts
040981	5	2.50		Agmub

A combination of several of the most efficient soldering agents in a convenient soluble form.

Gives off no obnoxious gases.

CRESCENT LAMP COLORING

Trade No.	Ruby					Code Word
	1 Gal.	½ Gal.	1 Quart	1 Pint	½ Pint	
040982	\$6.00	\$3.25	\$1.75	\$1.00	\$0.65	Agmuf
Violet						
040983	6.00	3.25	1.75	1.00	.65	Agmub
Canary						
040984	6.00	3.25	1.75	1.00	.65	Agmul
Pink						
040985	6.00	3.25	1.75	1.00	.65	Agmur
Frosting						
040986	6.00	3.25	1.75	1.00	.65	Agmwi

Weatherproof Opal Frosting

040987	12.00	3.00	1.50	...	Agmyk
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Crescent Weatherproof Opal Frosting is easily applied, has a smooth surface, will not collect dust and gives a soft light.

A dipping can as shown is furnished with each bottle of lamp coloring.

CRESCENT CHATTERTON COMPOUND

Trade No.		Price per Lb.	Code Word
040988	No. 1 Domestic	\$1.00	Agmyy
040989	No. 2 Imported	2.00	Agmys

INSULATING MATERIAL

VULCANIZED FIBRE

Red, Black or Gray Sheets, 42 to 46 inches Wide, 66 to 70 inches Long

Trade No.	Thickness Inches	Price per Lb.	Code Word	Trade No.	Thickness Inches	Price per Lb.	Code Word
5414	$\frac{1}{100}$	\$0.70	Yabo	5420	$\frac{1}{2}$	\$0.50	Yaco
5415	$\frac{1}{64}$	.64	Yabs	5421	$\frac{9}{16}$	.56	Yact
5416	$\frac{1}{32}$	.56	Yabt	5422	$\frac{3}{4}$	.56	Yada
5417	$\frac{1}{16}$	.50	Yabu	5423	$\frac{7}{8}$	.70	Yade
5418	$\frac{1}{8}$	.50	Yaca	5424	1	.70	Yado
5419	$\frac{1}{4}$	.50	Yack	5425	$1\frac{1}{4}$	.90	Yads

Red, Black or Gray Rod, Random Lengths about 5 Feet

Trade No.	Diam. In.	Price per Ft.	Code Word	Trade No.	Diam. In.	Price per Ft.	Code Word
06718	$\frac{1}{8}$	\$0.30	Yaeb	06725	$\frac{5}{8}$	\$0.70	Yafu
06719	$\frac{1}{4}$	.30	Yaek	06726	$\frac{11}{16}$	.84	Yaga
06720	$\frac{5}{16}$	.32	Yaev	06727	$\frac{3}{4}$	1.00	Yage
06721	$\frac{3}{8}$	.36	Yafe	06728	$\frac{7}{8}$	1.20	Yagm
06722	$\frac{7}{16}$	.44	Yafi	06729	1	1.50	Yago
06723	$\frac{1}{2}$	.52	Yafs	06730	$1\frac{1}{4}$	2.50	Yahm
06724	$\frac{9}{16}$	.60	Yaft	06731	$1\frac{1}{2}$	6.00	Yahn

Tube

Trade No.	Inside Diam. In.	PRICE PER FOOT						Code Word
		$\frac{1}{8}$ In. Wall	$\frac{3}{8}$ In. Wall	$\frac{1}{2}$ In. Wall	$\frac{5}{8}$ In. Wall	$\frac{3}{4}$ In. Wall	$\frac{1}{2}$ In. Wall	
06733	$\frac{1}{4}$	\$0.20	\$0.28	\$0.36	\$0.44	\$0.52	...	Yaht
06734	$\frac{3}{8}$	.22	.32	.42	.52	.62	...	Yahu
06735	$\frac{1}{2}$	.24	.36	.48	.60	.72	.96	Yaif
06736	$\frac{5}{8}$	.28	.42	.56	.70	.84	1.12	Yaik
06737	$\frac{3}{4}$	.32	.48	.64	.80	.96	1.28	Yain
06738	1	.40	.60	.80	1.00	1.20	1.60	Yaix
06739	$1\frac{1}{4}$	.48	.72	.96	1.20	1.44	1.92	Yaja
06740	$1\frac{1}{2}$	.56	.84	1.12	1.40	1.68	2.24	Yaje
Code Word for Wall, Yaka		Yako	Yakt	Yalb	Yald	Yale		

RUBBER SHEET

Trade No.	Thickness Ins.	Wgt. Full Sheet Lbs.	Price per Lb.	Code Word	Trade No.	Thickness Inches	Wgt. Full Sheet Lbs.	Price per Lb.	Code Word
06741	$\frac{1}{32}$	$1\frac{1}{8}$	\$2.00	Yaln	06750	$\frac{3}{8}$	$16\frac{1}{2}$	\$2.00	Yaog
06742	$\frac{1}{16}$	$2\frac{3}{4}$	2.00	Yals	06751	$\frac{7}{16}$	$18\frac{3}{4}$	2.00	Yaov
06743	$\frac{3}{32}$	$3\frac{7}{8}$	2.00	Yamb	06752	$\frac{1}{2}$	22	2.00	Yape
06744	$\frac{1}{10}$	$4\frac{3}{8}$	2.00	Yame	06753	$\frac{9}{16}$	24	2.00	Yaph
06745	$\frac{1}{8}$	$5\frac{1}{2}$	2.00	Yamp	06754	$\frac{5}{8}$	27	2.00	Yapu
06746	$\frac{3}{16}$	6	2.00	Yamu	06755	$\frac{3}{4}$	32	2.00	Yara
06747	$\frac{1}{4}$	$7\frac{1}{2}$	2.00	Yani	06756	$\frac{7}{8}$	35	2.00	Yarg
06748	$\frac{1}{4}$	$10\frac{1}{2}$	2.00	Yanp	06757	1	40	2.00	Yaru
06749	$\frac{5}{16}$	$13\frac{1}{4}$	2.00	Yant	06758	$1\frac{1}{4}$	50	2.00	Yash

RUBBER ROD

Trade No.	Diam. Inches	Weight per 100 Ft.	Price per Lb.	Code Word	Trade No.	Diam. Inches	Weight per 100 Ft.	Price per Lb.	Code Word
06759	$\frac{1}{8}$	$\frac{3}{4}$	\$3.70	Yasu	06769	$\frac{3}{4}$	22 $\frac{3}{4}$	\$2.00	Ybad
06760	$\frac{3}{16}$	$1\frac{1}{2}$	3.40	Yath	06770	$\frac{13}{16}$	27 $\frac{3}{4}$	2.00	Ybap
06761	$\frac{1}{4}$	$2\frac{3}{4}$	2.50	Yats	06771	$\frac{7}{8}$	29 $\frac{1}{4}$	2.00	Ybar
06762	$\frac{5}{16}$	4	2.00	Yauc	06772	$\frac{15}{16}$	36 $\frac{1}{2}$	2.00	Ybat
06763	$\frac{3}{8}$	$6\frac{1}{8}$	2.00	Yaug	06773	1	42	2.00	Ybbe
06764	$\frac{7}{16}$	8	2.00	Yaum	06774	$1\frac{1}{4}$	65 $\frac{1}{2}$	2.00	Ybbo
06765	$\frac{1}{2}$	$10\frac{1}{4}$	2.00	Yaur	06775	$1\frac{1}{2}$	92 $\frac{1}{2}$	2.00	Ybca
06766	$\frac{9}{16}$	$12\frac{3}{4}$	2.00	Yayg	06776	$1\frac{3}{4}$	128	2.00	Ybcu
06767	$\frac{5}{8}$	16	2.00	Yayl	06777	2	160	2.00	Ybde
06768	$\frac{11}{16}$	$19\frac{1}{4}$	2.00	Ybac	06778	$2\frac{1}{4}$	210	2.00	Ybeb

SOFT RUBBER TUBING

Trade No.	Inside Diam.	Covers B.&S. Wire	Feet per Lb.	Price per Lb.	Code Word	Trade No.	Inside Diam.	Covers B.&S. Wire	Feet per Lb.	Price per Lb.	Code Word
5432	$\frac{1}{16}$	36	125	\$3.75	Yben	5435	$\frac{1}{4}$	10	20	\$1.50	Ybfa
5433	$\frac{1}{8}$	20	60	3.00	Ybet	5436	$\frac{3}{16}$	6	15	1.50	Ybfe
5434	$\frac{3}{16}$	14	30	1.50	Ybex	5437	$\frac{3}{8}$	4	12	1.50	Ybgi

COMPOSITION HARD RUBBER TUBING

Trade No.	Outside Diam. In.	Inside Diam. In.	Feet per Lb.	Price per Lb.	Code Word	Trade No.	Outside Diam. In.	Covers B.&S. Wire	Feet per Lb.	Price per Lb.	Code Word
5439	$\frac{3}{8}$	$\frac{1}{8}$	20	\$2.00	Ybgo	5443	$\frac{3}{4}$	$\frac{1}{2}$	8	\$2.00	Ybik
5440	$\frac{1}{2}$	$\frac{1}{4}$	14	2.00	Ybha	5426	$\frac{7}{8}$	$\frac{5}{8}$	8	2.00	Ybix
5441	$\frac{1}{2}$	$\frac{5}{16}$	16	2.00	Ybib	5427	1	$\frac{3}{4}$	6	2.00	Ybja
5442	$\frac{5}{8}$	$\frac{3}{8}$	10	2.00	Ybif	5428	$1\frac{1}{8}$	$\frac{7}{8}$	6	2.00	Ybka

FRICTION AND INSULATING PAPER

SAND PAPER

In Sheets 8½ x 10½ Inches

Trade No.	Mfrs. No.	Price per Quire*	Code Word	Trade No.	Mfrs. No.	Price per Quire*	Code Word
063183	00	\$0.32	Ayvio	063187	1½	\$0.36	Ayvpi
063184	0	.32	Ayviv	063188	2	.39	Ayvra
063185	½	.32	Ayvju	063189	2½	.42	Ayvro
063186	1	.34	Ayvki	063190	3	.48	Ayvta

EMERY PAPER

In Sheets 9 x 11 Inches

063191	00	.47	Ayvoc	063195	1½	.58	Ayvto
063192	0	.47	Ayvoc	063196	2	.60	Ayvua
063193	½	.47	Ayvof	063197	2½	.70	Ayvux
063194	1	.55	Ayvpe	063198	3	.83	Ayvwe

EMERY CLOTH

In Sheets 9 x 11 Inches

063199	00	1.33	Ayvye	063203	1½	1.50	Aywao
063200	0	1.33	Ayvyl	063204	2	1.55	Aywce
063201	½	1.33	Aywag	063205	2½	1.65	Aywec
063202	1	1.43	Aywak	063206	3	1.75	Aywep

CROCUS CLOTH

In Sheets 9 x 11 Inches

Trade No.						Price per Quire*	Code Word
063207	....	....	.....	.....	....	\$1.33	Aywev

*A quire is 24 sheets.

RED ROPE PAPER

In Sheets 36 x 36 Inches

Trade No.	Thickness Inches	Price per Lb.	Code Word	Trade No.	Thickness Inches	Price per Lb.	Code Word
063208	.003	\$0.20	Aywik	063210	.010	\$0.20	Aywis
063209	.005	.20	Aywir				

PRESS OR FULLER BOARD

In Sheets 17 x 28 Inches

063211	.011	.40	Aywoa	063214	.027	.40	Aywsa
063212	.013	.40	Aywoh	063215	.029	.40	Aywsu
063213	.015	.40	Aywot	063216	.034	.40	Aywud

HORN FIBRE

Rolls 3 Feet 2½ Inches Wide

Trade No.	Thickness Inches	Wt. Lbs. per 100 Sq. Ft.	Price per Lb.	Code Word	Trade No.	Thickness Inches	Wt. Lbs. per 100 Sq. Ft.	Price per Lb.	Code Word
063217	.005	2	\$0.46	Aywyl	063219	.010	4	\$0.46	Aywve
063218	.007	3	.46	Ayxag	063220	.015	6	.46	Aywyu

ASBESTOS PAPER

Trade No.	Thickness Inches	Wt. Lbs. per 100 Ft.	Price per Lb.	Code Word	Trade No.	Thickness Inches	Wt. Lbs. per 100 Ft.	Price per Lb.	Code Word
063221	⅜	16	\$0.12	Ayxam	063223	⅜	45	\$0.16	Ayxef
063222	½	30	.12	Ayxar	063224	½	60	.16	Ayxeh

In Rolls 36 inches wide, 100 pounds each.

ASBESTOS SHEET MILL BOARD

In Sheets 40 x 40 Inches

Trade No.	Thickness Inches	Wt. Lbs. per Sheet	Price per Lb.	Code Word	Trade No.	Thickness Inches	Wt. Lbs. per Sheet	Price per Lb.	Code Word
063225	⅜	2	\$0.20	Ayxel	063230	⅜	12	\$0.20	Ayxis
063226	⅜	3	.20	Ayxco	063231	⅜	14	.20	Ayxiv
063227	⅜	4	.20	Ayxfa	063232	⅜	23	.20	Ayxmu
063228	⅜	6	.20	Ayxhe	063233	⅜	27	.20	Ayxoh
063229	⅜	8	.20	Ayxip					

PORCELAIN TUBES



Prices Per 100

Length, Ins. Under Head	$\frac{1}{8} \times \frac{1}{8}$	$\frac{3}{8} \times \frac{1}{8}$	INSIDE AND OUTSIDE DIMENSIONS OF TUBES IN INCHES										Code Word
	$\frac{1}{8} \times \frac{1}{8}$	$\frac{3}{8} \times \frac{1}{8}$	$\frac{1}{2} \times \frac{1}{8}$	$\frac{5}{8} \times \frac{1}{8}$	$\frac{3}{4} \times \frac{1}{8}$	$1 \times \frac{1}{8}$	$1 \frac{1}{4} \times \frac{1}{8}$	$1 \frac{1}{2} \times \frac{1}{8}$	$1 \frac{3}{4} \times \frac{1}{8}$	$2 \times \frac{1}{8}$	$2 \frac{1}{4} \times \frac{1}{8}$	$2 \frac{1}{2} \times \frac{1}{8}$	
1	\$1.20	\$1.35	\$1.73	\$2.00	\$2.87	....	....	....	....	....	....	....	Oboxax
$1 \frac{1}{2}$	1.28	1.38	1.80	2.20	2.95	4.55	....	....	....	....	....	....	Oupax
2	1.36	1.45	2.00	2.40	3.10	4.80	....	....	....	....	....	....	Ootax
$2 \frac{1}{2}$	1.44	1.56	2.30	2.54	3.36	4.98	12.26	15.60	19.85	23.45	26.80	30.35	Oebax
3	1.55	1.82	2.56	2.80	3.62	5.24	13.80	17.40	22.05	25.85	29.60	32.55	Oudex
4	2.72	2.99	3.22	3.44	3.90	6.52	15.60	19.20	23.95	27.70	31.50	35.30	Oojex
5	3.20	3.60	4.22	5.10	5.60	8.28	18.10	25.30	34.15	41.70	48.85	56.80	Oitex
6	3.90	4.68	5.44	6.22	7.00	9.34	19.20	31.20	45.35	57.95	70.55	83.20	Oavex
8	7.20	8.40	9.60	10.80	12.00	16.80	24.00	38.40	58.10	73.90	89.80	105.60	Oobaix
10	9.60	10.80	12.00	14.40	16.80	19.20	31.20	45.60	66.00	81.80	97.70	113.50	Oobix
12	14.40	15.60	16.80	19.20	21.60	26.40	45.60	69.20	102.10	128.00	154.00	180.00	Oefix
14	16.80	19.20	21.60	24.00	26.40	28.80	52.80	81.60	121.40	153.10	184.80	216.50	Owunx
16	19.20	21.60	24.00	28.80	31.20	36.00	62.40	91.20	132.00	163.70	195.40	227.00	Oubox
18	21.60	24.00	28.80	33.60	36.00	40.80	72.00	102.20	158.60	195.10	231.40	267.60	Oyfox
20	24.00	26.40	31.20	36.00	38.40	45.60	79.20	112.80	176.15	216.00	256.30	296.60	Ookne
22	27.60	30.00	33.60	38.40	43.20	49.20	86.40	123.60	192.95	237.60	282.20	326.90	Oilne
24	31.20	33.60	36.00	40.80	48.00	52.80	93.60	134.40	210.20	259.20	308.20	357.10	Oypne
Code Word	Oasyx	Odryx	Oipyx	Oufyx	Oivux	Oepux	Oonux	Oolux	Oadux	Oisox	Oopox	Oenox	

For glazed tubes add 50%; for split tubes and floor tubes multiply above prices by six.

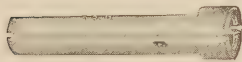
Standard Package Quantities

SIZE HOLE, INCHES

Length Ins.	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
1	12,000	9,000	7,000	5,000	....	....
$1 \frac{1}{2}$	9,500	6,500	5,000	3,700	....	....
2	7,000	5,000	3,100	2,500	....	....
$2 \frac{1}{2}$	6,200	4,000	2,700	2,000	1,400	....
3	5,200	3,400	2,300	1,800	1,250	....
4	3,600	2,700	1,800	1,450	850	....
5	2,800	1,800	1,450	1,200	700	....
6	2,400	1,500	1,200	1,000	600	....

All lengths up to and including 6 inches and up to and including $\frac{3}{4}$ -inch hole, barrel lots or same quantity when packed in cases. All lengths from 7 to 14 inches and up to and including $\frac{3}{4}$ -inch hole, 500 lots, assorted sizes. All lengths from 14 to 24 inches and up to and including $\frac{3}{4}$ -inch hole, 200 lots, assorted sizes. All other lengths and sizes, 100 lots, assorted.

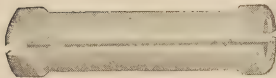
SPLIT TUBES



Split Tube

Trade No.	Mfrs. No.	Dimen. Inside	Inches Length		Std. Pkg.	Price per 1000	Code Word
09420	0012	$\frac{5}{16}$	3	Glazed	100	\$165.70	Oikaw
09421	0012	$\frac{1}{2}$ $\frac{5}{16}$	3	Unglazed	100	127.50	Ounaw

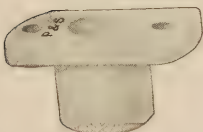
SPLIT CROSS-OVER TUBES



Split Cross-Over Tube

09445	135	$\frac{5}{16}$	3	Unglazed	100	210.00	Oumiw
09446	136	$\frac{5}{16}$	3	Glazed	100	300.00	Oofow
09447	131½	$\frac{3}{8}$	3	Unglazed	100	220.00	Oajow
09448	131	$\frac{3}{8}$	3	Glazed	100	310.00	Oemow
09449	153	$\frac{1}{2}$	3	Unglazed	100	250.00	Oajax
09450	154	$\frac{1}{2}$	3	Glazed	100	370.00	Oelax

CABINET BUSHINGS

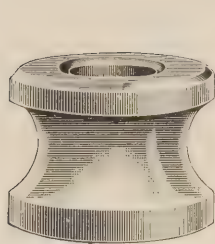


Cabinet Bushing

068268	55	$\frac{5}{16}$	1	Glazed	100	132.00	Oaloc
068269	56	$\frac{5}{8}$	1	Glazed	100	142.50	Oalod
068270	57	1	1	Glazed	100	185.00	Oalog

These cabinet bushings are designed especially for iron or wood cut out cabinets. Can be fastened to wood cabinets with screws or to metal cabinets with small stove bolts.

PORCELAIN INSULATORS



No. 0



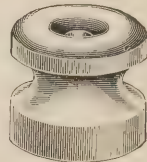
No. 1



No. 2



No. 3



No. 3WG

Trade No.	Stand. No.	DIMENSIONS, INCHES				Std. Pkg.	Wgt. Lbs. per Bbl.	Price per 1000	Code Word
		Hgt.	Diam.	Hole	Groove				
042978	0	2 1/4	3	1 1/4	1	400	340	\$146.68	Aipya
042979	1	3	2 1/8	1 1/2	3/4	680	450	88.00	Aipla
042980	2	2	2	1 1/2	1/2	1100	460	41.34	Aipmb
042981	3	1 3/4	2	1 1/2	1/2	1200	480	34.68	Aipmt
042982	3WG	1 3/4	2	1 1/2	3/4	1200	470	34.68	Aipna



No. 3 1/2



No. 4



No. 4 1/2



No. 5 1/2



No. 6



No. 7



No. 8

042983	3 1/2	2	2	7/16	7/16	1000	450	34.68	Aipne
042984	4	1 11/16	1 1/2	3/8	3/8	2200	440	16.65	Aipni
042985	4 1/2	1 7/8	1 1/2	3/8	7/16	2000	430	18.65	Aipnu
042986	5	1 1/4	1	1/4	5/16	6000	450	12.00	Aipob
042987	5 1/2	1 9/16	1	1/4	5/16	5500	470	12.00	Aipog
042988	6	7/8	1 3/16	3/2	1/4	13500	460	10.68	Aipol
042989	7	3/4	1 7/8	1/4	7/16	14500	445	10.68	Aipox
042990	8	15/16	1	1/4	5/16	9000	440	10.68	Aippo



No. 9



No. 10



No. 11



No. 12



No. 13



No. 15



No. 20

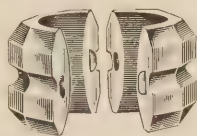
042991	9	1 1/8	5/8	3/16	3/16	13000	460	10.68	Aipps
042992	10	1 3/4	1 5/8	3/8	3/8	2000	445	20.00	Aipto
042993	11	1 1/16	1 1/8	1/4	1/2	9500	400	16.00	Aipuf
042994	12	1 3/16	1 3/8	5/16	9/16	6000	435	18.68	Aipus
042995	13	3/4	1 5/16	1/8	5/8	6000	430	18.68	Aiput
042996	15	1 5/16	1 3/4	7/16	1/2	2200	460	32.00	Aipux
042997	20	2	2	3/8	5/8	1100	450	42.68	Aipvk

PORCELAIN INSULATORS



No. 21

Trade No.	Stand. No.
042951	21
042952	22
042953	23
042954	24



No. 22

DIMENSIONS, INCHES				
Hgt.	Diam.	Hole	Groove	
2 7/8	2	1 1/2	9/16	
1 5/8	2 1/8	1	5/16	
1 1/2	1 1/8	3/8	1	
1 3/4	1 7/8	7/16	5/8	



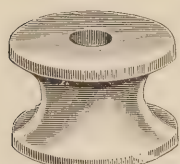
No. 23

Std. Pkg.	Wt. Lbs. per Bbl.
500	450
1350	450
2450	340
1200	450



No. 24

Price per 1000	Code Word
\$106.68	Aiorb
42.68	Aiork
29.34	Aiorn
41.34	Aiors



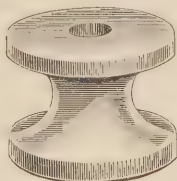
No. 25

Trade No.	Stand. No.
042955	25
042956	26
042957	29
042958	36
042959	39



No. 26

1 1/2	2 1/2	1 1/16	1 1/16
2	2 1/4	5/8	9/16
2 3/8	2 1/2	1 3/8	1 3/8
1 3/4	1 3/4	1 1/2	3/4
1 3/4	2 1/2	3/4	1 3/8



No. 29

Std. Pkg.	Wt. Lbs.
750	330
800	460
600	415
1800	415
700	330



No. 36

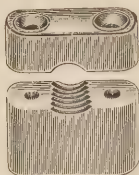
Price per 1000	Code Word
73.34	Aiost
74.68	Aiouc
100.00	Aious
36.00	Aiowl
73.34	Aioxa



No. 39



No. 328



No. 328A



No. 334



No. 337

ONE WIRE GLAZED CLEATS

Trade No.	Stand. No.	For Size Wire	DIMENSIONS, INCHES			Std. Pkg.	Wt. Lbs. Std. Pkg.	Price per 1000 Pair	Code Word
042962	328	12-8	1 1/4	3/4	2	3/8	2500	\$26.68	Aioyo
042963	328A*	12-8	1 3/16	3/4	2	3/8	1800	36.68	Aipaj
042964	329	8-4	1 3/4	1	2 1/4	1/2	1500	40.00	Aipan
042965	329A*	8-4	2 1/8	1	2 1/4	1/2	1250	50.00	Aipaw
042966	330	4-2	1 3/4	1 1/8	2 1/2	5/8	1400	48.00	Aipax
042967	330A*	4-2	2 1/2	1 1/8	2 1/2	5/8	1250	60.00	Aipbu
042968	331	2-00	2 1/4	1 1/16	2 3/4	3/4	1100	60.00	Alpdo
042969	331A*	2-00	2 1/2	1 3/16	2 3/4	3/4	900	72.00	Aipef
042970	332	00-250000	2 5/8	1 1/16	3	15/16	750	80.00	Aipem
042971	332A*	00-250000	2 3/8	1 1/16	3	15/16	600	95.00	Aipev

TWO WIRE CLEATS

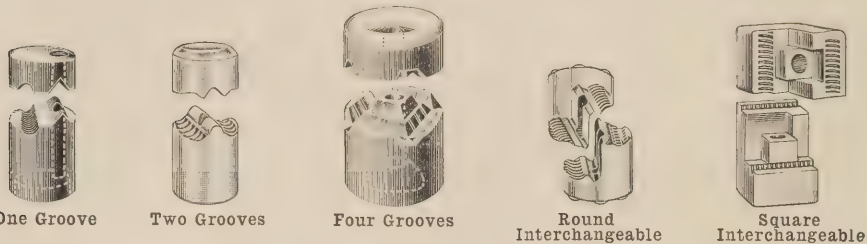
042974	334	Glazed	18-10	1 1/8	5/8	3 3/8	3/16	2200	425	26.00	Aipgu
042975	334	Unglazed	18-10	1 1/8	5/8	3 3/8	3/16	2200	425	20.00	Aipha

THREE WIRE CLEATS


042972	337	Glazed	18-10	1 1/8	5/8	3 3/8	3/16	2200	425	26.00	Aipip
042973	337	Unglazed	18-10	1 1/8	5/8	3 3/8	3/16	2200	425	20.00	Aiphi

*These cleats measure 1 inch under groove.

PORCELAIN INSULATORS




SPLIT INSULATORS

	Trade No.	Mfrs. No.		For Size Wire	Std. Pkg.
	046321	5½	1 groove	10-14	4500
	046322	5½	2 grooves	10-14	4500
	046323	9419	4 grooves	6-18	4500
	046324	9420	4 grooves	00-10	4500
			Round Interchangeable		
	046325	5½		10-14	4500
			Square Interchangeable		
	046326	55½		10-14	4500
	046327	45½		6-10	4500
	046328	35½		00- 6	4500



Prices on all the above insulators quoted on application.


WEDGE SPLIT INSULATORS

	Trade No.	Mfrs. No.	For Size Wire	Std. Pkg.	Price per 1000
	046329	5½	12 or 14	2500	.....

Made from hard white porcelain and very carefully manufactured. No burrs nor rough edges to cut insulation.

Insulator with Cross-Over

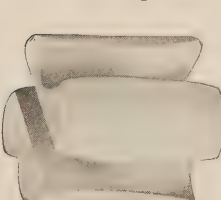
WEDGE CROSS-OVERS

	Trade No.	For Size Wire	Std. Pkg.	Price per 100
	046330	12 or 14	500	....

Easy to install. Saves taping on tubes of any kind. Designed for our No. 5½ split knob and if you use the insulator you need the crossover.

Paragon

PARAGON SELF-TYING INSULATORS

	Trade No.	Mfrs. No.	No. Hole	For Size Wire	Price per 100
	046333	....	....	14	\$25.00

Strain

STRAIN INSULATORS

	Trade No.	Mfrs. No.		Std. Pkg.	Price per 100
	046331	8	Small size ¾-inch	500	\$7.00
	046332	9	Large size ½-inch	300	9.00

G-E CLAMP INSULATORS

Clamp
InsulatorWall Bracket
Clamp and
InsulatorsWall Hanger
Clamp and
Insulators

TWO-PIECE-CLAMP INSULATORS, WITHOUT CLAMPS

Trade No.	Mfrs. No.	Size Hole Inches	Std. Pkg.	Price per 100	Code Word
029286	9214	$\frac{5}{16}$	100	\$5.00	Veks
029287	9215	$\frac{3}{8}$	100	5.00	Veld
029288	9216	$\frac{1}{2}$	100	5.00	Velg
029289	9221	$\frac{5}{8}$	100	5.50	Veln
029290	9222	$\frac{3}{4}$	100	5.50	Velt
029291	9228	$\frac{7}{8}$	100	6.50	Vemp
029292	9229	1	100	6.50	Vemu
029293	9230	$1\frac{1}{8}$	100	6.50	Venc
029294	9236	$1\frac{1}{4}$	100	11.00	Vend
029295	9237	$1\frac{3}{8}$	100	11.00	Venk
029296	9238	$1\frac{1}{2}$	100	11.00	Veob
029297	9243	$1\frac{3}{4}$	100	18.00	Veof
029298	9244	2	100	18.00	Veon
029299	65247	$2\frac{1}{4}$	100	21.00	Veph
029300	64487	$2\frac{1}{2}$	100	21.00	Vepo
029301	64934	$2\frac{3}{4}$	100	21.00	Vept
029302	64488	3	100	25.00	Vesh
029303	64936	$3\frac{1}{2}$	100	25.00	Veth

CLAMPS COMPLETE FOR INSULATORS

Iron

Trade No.	Mfrs. No.	For Style Insulators	Std. Pkg.	Price per 100	Code Word
029304	9499	9214, 9215, 9216	100	\$15.00	Veuf
029305	9498	9221, 9222	100	18.00	Veul
029306	9361	9228, 9229, 9230	100	25.00	Veum
029307	9360	9236, 9237, 9238	100	35.00	Veur
029308	9359	9243, 9244	100	45.00	Vfad
029309	64489	65247, 64487, 64934	100	55.00	Vfab
029310	64938	64488, 64936	100	65.00	Vfag

Composition Metal, for use on A. C.

Trade No.	Mfrs. No.		Std. Pkg.	Price	Code Word
029311	22718	9214, 9215, 9216	100	90.00	Vfal
029312	22750	9221, 9222	100	100.00	Vfas
029313	22751	9228, 9229, 9230	100	165.00	Vfba
029314	22752	9236, 9237, 9238	100	175.00	Vfbe
029315	22753	9243, 9244	100	185.00	Vfbo
029316	64490	65247, 64487, 64934	100	195.00	Vfbu
029317	64940	64488, 64936	100	205.00	Vfca

The porcelain clamp insulator consists of a cast iron seat, a steel strap, and a split porcelain bushing.

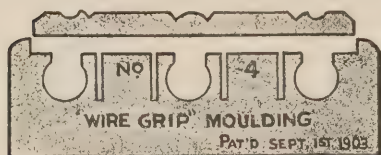
WALL INSULATOR CLAMPS

For Three $1\frac{1}{4}$ -inch Insulators

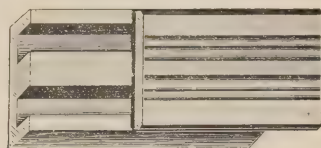
Trade No.	Mfrs. No.		Std. Pkg.	Price Each	Code Word
029318	11473	Bracket type	10	\$2.50	Vfce
029319	11474	Hanger type	10	2.50	Vfcu
029320	11475	Insulator for above, $1\frac{1}{4}$ -inch hole	100	.50	Vfda

Above prices do not include insulators.

WOOD MOLDING AND CLEATS



"Wire Grip" Molding

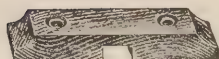


Standard Molding

STANDARD WOOD MOLDING

Two-Groove

Mfrs. No.	Groove Inches	Size Wire, Solid Single Braid	B. & S. GAUGE Stranded Single Braid	PLAIN		PAINTED	
				Trade No.	Price per 1000 Ft.	Trade No.	Price per 1000 Ft.
A-2	$\frac{1}{4}$	14 to 12	.....	081171	\$22.00	081186	\$32.00
A-4	$\frac{5}{16}$	10 to 8	8	081172	29.00	081187	40.00
A-6	$\frac{7}{16}$	6 to 4	6 to 5	081173	36.00	081188	49.00
A-8	$\frac{9}{16}$	3 to 2	4 to 2	081174	85.00	081189	104.00
A-9	$\frac{3}{4}$	.....	1 to 000	081175	111.00	081190	140.00
A-10	$\frac{7}{8}$	.....	0000 to 250MCM	081176	140.00	081191	182.00
A-11	1	.....	300 to 400MCM	081177	182.00	081192	220.00
A-12	$1\frac{1}{4}$	.....	500MCM	081178	210.00	081193	250.00



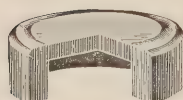
One-Wire Cleat



Three-Wire Cleat



Solid Fixture Block



Hollow Fixture Block

Three-Groove

B-2	$\frac{1}{4}$	14 to 12	.....	081179	34.00	081194	46.00
B-4	$\frac{5}{16}$	10 to 8	8	081180	42.00	081195	54.00
B-6	$\frac{7}{16}$	6 to 4	6 to 5	081181	56.00	081196	72.00
B-8	$\frac{9}{16}$	3 to 2	4 to 2	081182	111.00	081197	140.00
B-9	$\frac{3}{4}$	.....	1 to 000	081183	154.00	081198	195.00
B-10	$\frac{7}{8}$	.....	0000 to 250MCM	081184	195.00	081199	250.00
B-11	1	.....	300 to 400MCM	081185	236.00	081200	305.00

OAK MOLDING

Two-Groove

A-2	$\frac{1}{4}$	14 to 12	.....	081201	61.00	.....	.....
A-4	$\frac{5}{16}$	10 to 8	8	081202	79.00	.....	.....

Three-Groove

B-2	$\frac{1}{4}$	14 to 12	.....	081203	85.00	.....	.....
B-4	$\frac{5}{16}$	10 to 8	8	081204	102.00

WALNUT MOLDING

Two-Groove

A-2	$\frac{1}{4}$	14 to 12	081205	166.00
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All sizes of plain molding carried in stock.

WOOD CLEATS

One-Wire

Trade No.	Size, Slot Inches	Price per 1000
081206	$\frac{1}{4}$	\$2.50
081207	$\frac{3}{8}$	3.00
081208	$\frac{1}{2}$	3.50
081209	$\frac{3}{4}$	4.00
081210	1	5.50

Two-Wire

Trade No.	Size, Slot Inches	Price per 1000
081211	$\frac{1}{8}$	\$2.00
081212	$\frac{3}{16}$	2.50

Three-Wire

Trade No.	Size, Slot Inches	Price per 1000
081213	$\frac{1}{8}$	2.50
081214	$\frac{3}{16}$	3.00

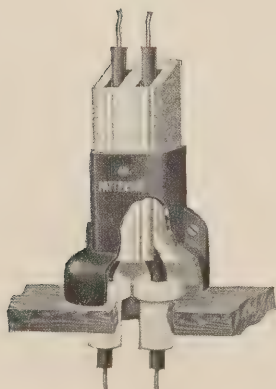
FIXTURE BLOCKS

TRADE No.	NUMBERS	Diam. Solid	Price per 100	TRADE No.	NUMBERS	Diam. Hollow	Price per 100
081215	081219	3	\$6.00	081217	081221	5	\$12.00
081216	081220	4	9.00	081218	081222	6	15.00

PATTERSON MOLDING "KICK-PLATES"

Designed for installing wood molding when it is close to floor line. Standard finish is black japan, but will be furnished galvanized, when quantity ordered will justify.

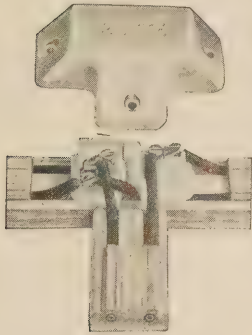
Trade No.	Mfrs. No.	Description	SIZE, INCHES Height	Width	Price Each
081223	300	For 2-wire molding, taking 2 No. 12 or No. 14 wires	$2\frac{3}{4}$	$2\frac{3}{4}$	\$0.15
081224	310	For 3-wire molding, taking 3 No. 12 or No. 14 wires	$3\frac{3}{4}$	$3\frac{3}{4}$	.20



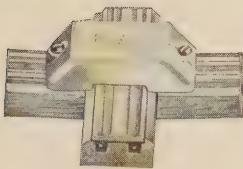
Molding "Kick-Plate"

MOLDING TAPLETS, CROSS OVERS AND CONNECTORS

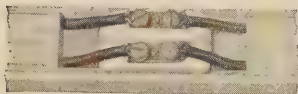
NATIONAL ELECTRICAL CODE STANDARD



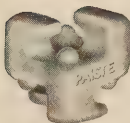
No. 4090
With Cover off, showing Method
of Wiring



No. 4095
With Cover on



No. 4099
With Cover off, showing Method
of Wiring



No. 5212

TAPLETS

Trade No.	Mfrs. No.		Std. Pkg. Pkg. Wt.	Price Each	Code Word
054340	4090	2-wire single branch	250 130	\$0.30	Beiak
054341	4091	3-wire single branch	100 120	.45	Beiba
054342	4092	3-to 2-wire single branch	100 98	.40	Beibs
054343	4093	3-to 2-wire double branch	100 110	.60	Beibu
054344	4094	2-wire double branch	100 77	.45	Beica

Molding Taplets are used for making branches in either 2-or 3-wire molding work. With them no soldering is necessary, as the branch wires come off from set screws.

They are made on the Fielding principle and set on top of the molding base. The main wires are run through the tablet and skinned $\frac{1}{4}$ inch to set under the contact screws, while the branch circuits are carried off in the branch molding from other contact screws.

ANGLE TAPLETS

054345	4107	2-wire	50 40	.50	Beido
054346	4108	3-wire	50 50	.60	Beids

The angle taplets are for use where wires come through side wall and it is desired to take off a branch down the side.

CROSS OVERS

054347	4095	2-wire crossing 2-wire	250 95	.15	Beifa
054348	4096	3-wire crossing 3-wire	100 65	.20	Beifo
054349	4097	2-wire crossing 3-wire	100 62	.20	Beift
054350	4098	3-wire crossing 2-wire	100 63	.20	Beige

This cross over is very simple, being a porcelain channel piece for the wire runways, with a neat porcelain cover over all.

CONNECTORS

054351	4099	2-wire	250 81	.25	Beigh
054352	4100	3-wire	100 55	.35	Beign

These connectors are to be used for straight through work where therefore a splice has been necessary to continue the running of the wire.

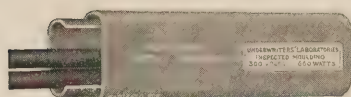
CROSS OVERS

For Open or Cleat Wiring

054353	5212	Single	250 29	.06	Bjtuv
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This cross over does away with the use of porcelain tubes or flexible loom where wires in open work cross each other. The insulator can be slipped into place after the wires are run and fastened, and it cannot become unfastened unless forced off. For making a cross over it requires four; for a branch, just one.

NATIONAL METAL MOLDING



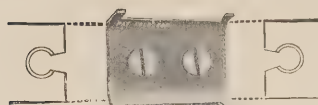
No. 333



No. 333 Base



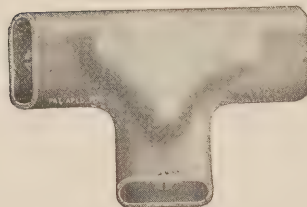
No. 333 Capping



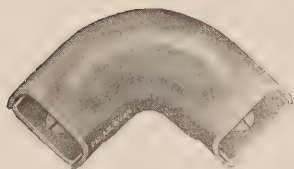
No. 344



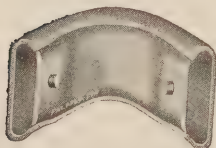
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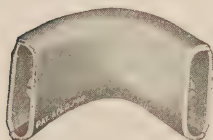
No. 335



No. 336



No. 337



No. 338

National Metal Molding consists of two pieces, base and capping, so formed as to snap together—the capping snapping over the base.

It is provided with the non-corrosive sherardizing finish—a process in which finely divided zinc is driven into pores of the metal, effecting an alloy which is not only rust proof but which cannot be knocked off.

INSTALLATION OF MOLDING

Reasonable care should be exercised in separating the backing and capping preparatory to installation. We recommend as the quickest, most satisfactory method, hooking one of the punched holes in the backing over a convenient nail or screw and drawing the capping off.

Except in cases where the backing of the molding passes through, under the fittings and is not cut, as with fittings Nos. 350 and 370, backing and capping should be cut before being separated in all cases. Because of the light stock, hacksaw blades having fine teeth and commonly known as tube-saws should be used for cutting. Some construction men also recommend marking deeply with a file and breaking.

The molding lends itself readily to bending and, with reasonable care, may be worked on any radius down to four and one-half inches. Bends must be made in all cases before backing and capping are separated.

The backing is punched and countersunk every twenty-four inches for the introduction of supporting screws or bolts.

A base coupling has been provided for use at each joint in securing of electrical contact between adjacent lengths of molding. The capping of one length may also be lapped over upon the backing of the next length and so on. A ground clamp (Fitting No. 355) has been provided and should be used with each installation of metal molding as the metal of the molding must be permanently and effectively grounded.

Single braid wire has been approved for use with National Metal Molding. Sufficient space will be found in the molding for the laying in of four No. 14 single braid, rubber covered wires when found desirable, as with double pole switch loops, etc. Wires should in all cases be laid in and not fished.

MOLDING

Trade No.	Mfrs. No.	Std. Pkg.	Wt. Lbs.	Unit Pkg.	Price per 100 Ft.
040309	333	1000 ft.	425	100 ft.	\$8.00

BASE COUPLINGS

Trade No.	Mfrs. No.	Std. Pkg.	Wt. Lbs.	Unit Pkg.	Price per 100
040310	344	500	15	50	\$2.50

CROSSES

Trade No.	Mfrs. No.	Std. Pkg.	Wt. Lbs.	Unit Pkg.	Price Each
040311	334	120	25	30	\$0.17

TEES

Trade No.	Mfrs. No.	Std. Pkg.	Wt. Lbs.	Unit Pkg.	Price
040312	335	120	22	30	.14

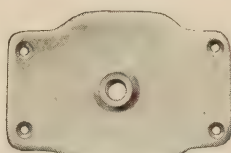
ELBOWS

Trade No.	Mfrs. No.	Std. Pkg.	Wt. Lbs.	Unit Pkg.	Price
040313	336	240	30	30	.11
040314	337	120	15	30	.11
040315	338	120	15	30	.11

NATIONAL METAL MOLDING



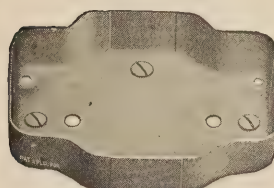
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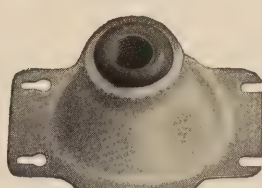
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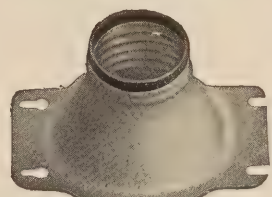
No. 383



No. 375



No. 372



No. 373



No. 374



No. 377



No. 376

STANDARD COVERS

Trade No.	Mfrs No.	Std. Pkg.	Wt. Lbs.	Unit Pkg.	Price Each
072988	382	40	4	20	\$0.05½

PORCELAIN COVERS

One-Hole					
072989	378	40	7	10	.10
Two-Hole					
072990	379	40	7	10	.10
Three-Hole					
072991	380	40	7	10	.10
Four-Hole					
072992	381	40	7	10	.10

BLANK COVERS

072993	383	40	4	20	.05
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OUTLET BOXES

072994	375	120	20	20	.20
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Use clamp bushing No. 377 to carry molding into box.

DROP CORD AND FIXTURE COVERS

072995	372	40	11	20	.40
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KEYLESS RECEPTACLE COVERS

072996	373	40	11	20	.45
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Contains porcelain rosette. Bushing tapped for ¼-inch stems.

KEY RECEPTACLE COVERS

072997	374	40	12	20	.45
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Price on No. 374 equipped with chain pull receptacle will be furnished on application.

CLAMP BUSHINGS

072998	377	200	8	50	.03½
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This fitting performs the same function with National Metal Molding as does a locknut and bushing in conduit systems, and must be used with all National Metal Molding Fittings having twist outs.

CORNER BOXES

072999	376	20	5	10	.25
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Four molding twist outs.

One ½-inch conduit knockout in base.

Use clamp bushing No. 377 to carry molding into corner box.

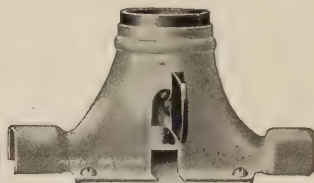
NATIONAL METAL MOLDING



No. 350 Continuous



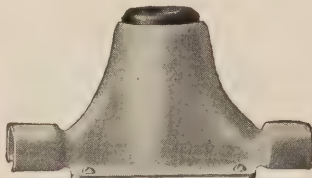
No. 351 Dead End



No. 352 Continuous



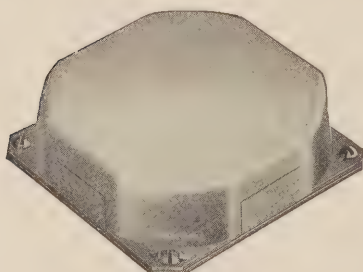
No. 353 Dead End



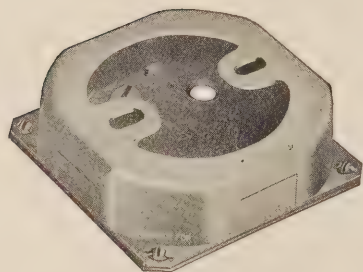
No. 370 Continuous



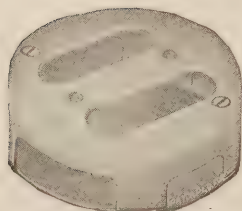
No. 371 Dead End



No. 341



No. 342



No. 343

KEYLESS RECEPTACLES

Trade No.	Mfrs. No.	Std. Pkg.	Wt. Lbs.	Unit Pkg.	Price Each
075220	350	80	22	20	\$0.45
075221	351	80	22	20	.45

Standard packages of Nos. 350 and 351 may be assorted.

KEY RECEPTACLES

075222	352	80	22	20	.50
075223	353	80	22	20	.50

Standard packages of Nos. 352 and 353 may be assorted. Prices with chain pull receptacle furnished on application.

DROP CORD AND FIXTURE OUTLETS

075224	370	80	25	20	.50
075225	371	80	25	20	.50

Standard packages of Nos. 370 and 371 may be assorted.

Contain porcelain rosettes.

Bushings tapped for $\frac{1}{4}$ -inch stems. Hard fiber bushings mounted in these fittings have been approved as substitute for insulating joints.

JUNCTION BOXES

075226	341	120	28	20	.25
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Four molding twist outs.

One $\frac{1}{2}$ -inch conduit knockout in base. Use clamp bushing No. 377 to carry molding into box.

SNAP SWITCH BASES

Four Molding Twist Outs

075227	342	120	28	20	.25
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Use clamp bushing No. 377 to carry molding into box.

Three Molding Twist Outs, One Double Molding Entrance

075228	343	60	12	20	.25
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NATIONAL METAL MOLDING



No. 348



No. 362



No. 349

ONE-PIECE PORCELAIN ROSETTES

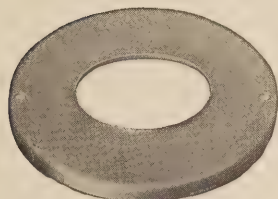
Continuous

Trade No.	Mfrs. No.	Std. Pkg.	Wt. Lbs.	Unit Pkg.	Price Each
064743	348	120	25	30	\$0.08

Dead End

064744	362	120	25	30	.08
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Standard package of Nos. 348 and 362 may be assorted.



No. 365 Cap

TWO-PIECE PORCELAIN ROSETTES

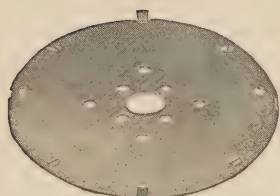
Continuous

064745	349	120	35	20	.25
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Dead End

064746	361	120	35	20	.25
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Standard packages of Nos. 349 and 361 may be assorted.



No. 365 Base Plate

CANOPY BASES

4½-inch Diameter

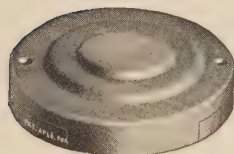
064747	365	40	20	10	.35
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6-inch Diameter

064748	366	40	30	10	.50
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These canopies are for straight metal molding work.

Use clamp bushing No. 377 to carry molding into bases.



No. 363A

4½-INCH BLANK COVERS FOR No. 363 ADAPTER PLATE

064749	363A	20	5	20	.15
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This cover is designed for use in extension work from unused outlets or junctions.

4½-INCH SPLIT TYPE—OPEN COVERS FOR No. 363 ADAPTER PLATE

064750	363B	40	10	20	.17
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This cover is designed for use in extension work from existing fixture outlets without disturbance or removal of fixture.

4½-INCH SPLIT TYPE ADAPTER PLATES

064751	363	60	20	20	.25
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This plate, when used in conjunction with the above covers, can be applied for all classes of extension or "pick up" work from existing outlets of any type except "flushed" outlet boxes 4½ inches square or larger. It is so arranged that it can be installed at existing fixture outlets without removal or disturbance of fixture.

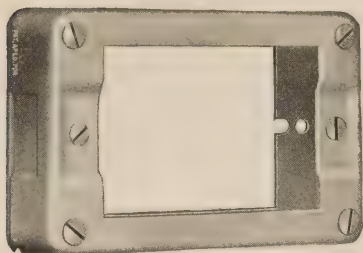
Plate is arranged with slots standardized to permit mounting on any 3-inch or 4-inch round outlet box with screws usually used to secure box covers, and is provided with a yoke arranged to permit mounting on any "open" outlet box cover.

Use clamp bushing No. 377 to carry molding into adapter plate when used with either No. 363A or No. 363B.



No. 363

NATIONAL METAL MOLDING



No. 384



No. 387

FLUSH SWITCH ADAPTERS

Trade No.	Mfrs. No.	Std. Pkg.	Wt. Lbs.	Unit Pkg.	Price Each
071158	384	40	7	20	\$0.27

This fitting is standardized to mount on any of the common makes of flush switch wall cases or boxes with the screws usually used to mount the switch or receptacle, and is simply in the nature of an adapter for National Metal Molding.

Use clamp bushing No. 377 to carry molding into No. 384.

FLUSH SWITCH BOXES AND ADAPTER COVERS

Trade No.	Mfrs. No.	Std. Pkg.	Wt. Lbs.	Unit Pkg.	Price Each
071159	387	20	15	10	.40

This fitting combines an adapter similar to No. 384 with a shallow flush switch box, and is especially designed for shallow partitions or brick work.

Use clamp bushing No. 377 to carry molding into No. 387.

FLUSH SWITCH PLATES

For Use with Fittings Nos. 384 and 387

Push Type No. 385

Trade No.	Finish	Std. Pkg.	Wt. Lbs.	Unit Pkg.	Price Each
071160	Sherardized	40	10	10	\$0.08
071161	Polished brass	40	10	1	.25
071162	Brushed brass	40	10	1	.25
071163	Antique brass	40	10	1	.25
071164	Oxidized brass	40	10	1	.25
071165	Antique copper	40	10	1	.25
071166	Oxidized copper	40	10	1	.25

Rotary Type No. 386

Trade No.	Finish	Std. Pkg.	Wt. Lbs.	Unit Pkg.	Price Each
071167	Sherardized	40	10	10	.08
071168	Polished brass	40	10	1	.25
071169	Brushed brass	40	10	1	.25
071170	Antique brass	40	10	1	.25
071171	Oxidized brass	40	10	1	.25
071172	Antique copper	40	10	1	.25
071173	Oxidized copper	40	10	1	.25

Price on finishes other than those appearing in above lists will be furnished on application.

Standard packages of flush switch plates may be assorted.

Standard flush switch plates should not be used with Nos. 384 and 387, but the special plates listed above should be substituted.

CONDUIT TO MOLDING COUPLINGS

Trade No.	Mfrs. No.	Std. Pkg.	Wt. Lbs.	Unit Pkg.	Price Each
071174	401	60	8	30	\$0.15
071175	402	60	10	30	.15

CONDUIT TO MOLDING ELBOWS

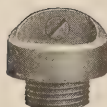
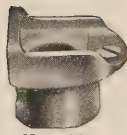
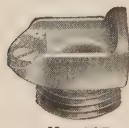
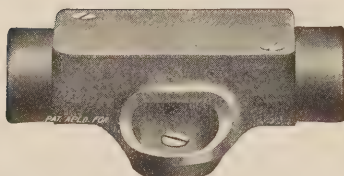
Trade No.	Mfrs. No.	Std. Pkg.	Wt. Lbs.	Unit Pkg.	Price Each
071176	403	40	8	20	.18
071177	417	40	8	20	.18

CONDUIT TO MOLDING TEES

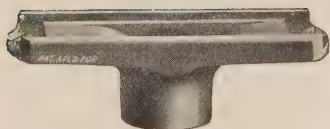
Trade No.	Mfrs. No.	Std. Pkg.	Wt. Lbs.	Unit Pkg.	Price Each
071178	405	20	15	10	.35

MOLDING TO CONDUIT TEES

Trade No.	Mfrs. No.	Std. Pkg.	Wt. Lbs.	Unit Pkg.	Price Each
071179	411	20	10	10	.25

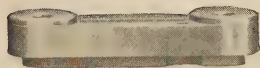
No. 401
MaleNo. 402
FemaleNo. 403
FemaleNo. 417
Male

No. 405



No. 411

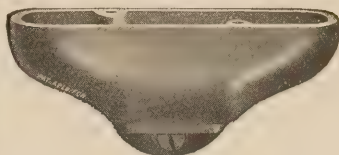
NATIONAL METAL MOLDING



No. 367



No. 368



No. 404



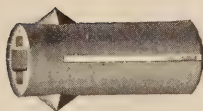
No. 345



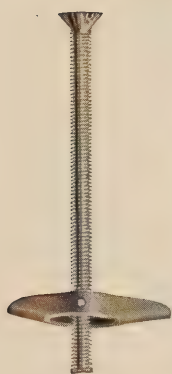
No. 354



No. 355



No. 421



No. 419



No. 420



No. 418

PORCELAIN COVERS FOR No. 404

Trade No.	Mfrs. No.	Two-Hole		Unit Pkg.	Price Each
		Std. Pkg.	Wt. Lbs.		
074986	367	20	4	10	\$0.10
074987	368	20	4	10	.10

MOLDING TO OPEN WORK COUPLINGS					
074988	404	20	7	10	.18

GROUND CLAMPS					
074989	355	40	1	20	.06

SINGLE CLAMPS					
Trade No.	Mfrs. No.	Std. Pkg.	Wt. Lbs.	Unit Pkg.	Price per 100
074990	345	1000	13	100	\$0.75

DOUBLE CLAMPS					
074991	354	100	3	50	1.50

EXPANSION SHIELDS					
074992	421	100	2	100	6.50

TOGGLES					
"T" Head No. 419					
Trade No.	Size Inches	Std. Pkg.	Wt. Lbs.	Unit Pkg.	Price per 100
074993	$\frac{1}{8} \times 4$	250	20	50	\$7.50
074994	$\frac{3}{16} \times 4$	100	6	50	8.50
074995	$\frac{1}{4} \times 4$	100	8	50	9.00

Cone Head—No. 420					
074996	$\frac{5}{32} \times 2$	500	5	100	3.00
074997	$\frac{5}{32} \times 3$	500	7	100	3.35
074998	$\frac{5}{32} \times 4$	500	9	100	3.70

No. 420 toggle is arranged to pass through holes in National Metal Molding Base without removal of toggle head.

METAL MOLDING PUNCHES

Trade No.	Mfrs. No.	Weight Pounds	Price Each
074999	418	2	\$7.00

Designed to punch the keyhole slot required by the new style metal molding fittings.

Introduction of metal molding base at one side of punch centers against an automatic stop which insures accurate punching of the keyhole slot at the extreme end of the base.

Introduction of base at the opposite side automatically raises the stop and permits punching of the base at any desired point throughout its length.

To insure satisfactory results, the punch should be securely fastened to a solid base.

Efficient operation requires a strong, quick blow with a heavy hammer.

NON-METALLIC FLEXIBLE CONDUIT

NATIONAL CODE STANDARD

PRICE LIST

In Ordering, Specify Style Desired

Trade No.	Inside Diam., in.	Feet to Coil	Weight per 1000 Feet	Price per Foot
027321	$\frac{1}{4}$	250	75	\$0.06
027322	$\frac{3}{8}$	250	110	.07
027323	$\frac{1}{2}$	200	125	.08
027324	$\frac{5}{8}$	200	155	.10
027325	$\frac{3}{4}$	150	200	.12
027326	1	100	275	.16
027327	$1\frac{1}{4}$	100	360	.20
027328	$1\frac{1}{2}$	Odd lengths	400	.34
027329	$1\frac{3}{4}$	Odd lengths	440	.40
027330	2	Odd lengths	600	.50
027331	$2\frac{1}{4}$	Odd lengths	800	.65

CIRCULAR LOOM



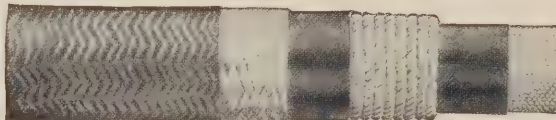
Circular Loom is a flexible conduit with a smooth interior, thoroughly waterproof and highly fireproof, and of high insulating qualities, for the protection of wires and cables. It is constructed of a spiral of high insulating fiber, wound with heavy para rubber friction tape, over which is a continuous woven jacket of cotton, giving it the quality of extra strong canvas. The tube entire is then saturated thoroughly with a weatherproof compound, which is at the same time of great insulating quality, care being taken that none shall touch the inside fiber, thus leaving the interior a hard, smooth surface. It is finally run through powdered mica, which adheres to the exterior of the tube, adding to its insulating qualities.

FLEXTUBE



Flextube is a continuous seamless circular tubing, constructed from specially prepared rigid fiber wool, formed into a helix interwoven with warp. The inner tube is closely woven, imparting smoothness to its interior, extreme flexibility, and maintenance of circular form in bending, which is particularly desirable in making bends or curves of short radius. Should it become flattened by abuse, it is easily put back into proper shape. The inner tube is coated with a moisture repellent and flameproof compound and then covered with a substantial braiding. After braiding it is compounded with non-absorbent and flameproof materials, giving the tube a finish assuring permanency. It is thoroughly soapstoned.

ALPHADUCT



Alphaduct has a smooth, hard interior of heavy canvas duck; this is covered with a weatherproof compound, over which is spirally wound a special fiber cord. All interstices between the cord are filled with a special compound, over which a protecting jacket of cotton is braided, and finally coated with a flexible weatherproofing compound.

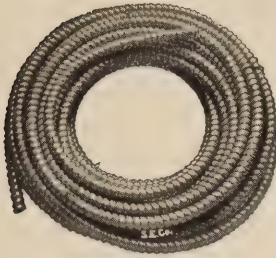
WIREDUCT



Wireduct has an inside layer composed of closely woven canvas. To this lining is cemented a layer of spirally wound fiber strip, which acts as the framework of the tube. Over this framework is a tightly woven envelope of cotton, which, in turn, is coated with a compound containing a large percentage of finely divided mica. All of the materials which enter into the construction of this tube are chemically prepared and cemented together in such a manner as to make a perfectly homogeneous product.

FLEXIBLE STEEL CONDUIT AND FITTINGS

GREENFIELD FLEXIBLE STEEL CONDUIT



Flexible Steel Conduit



Nos. 6160 to 6162, 6063 to 6067



Nos. 6073 to 6077

Single Strip Type

Trade No.	Inside Diam. Inches	Outside Diam. Inches	Wt. Lbs. per 100 Ft.	Feet per Coil	Price per 100 Ft.
061750	$\frac{5}{16}$	.523	24	250	\$5.00
061751	$\frac{3}{8}$	.605	30	250	7.50
061752	$\frac{1}{2}$	.875	55	100	10.00
061753	$\frac{3}{4}$	1.079	75	50	13.00
061754	1	1.312	122	50	21.00
061755	$1\frac{1}{4}$	1.59	170	50	31.00
061756	$1\frac{1}{2}$	1.875	188	25-50	42.00
061757	2	2.375	263	25-50	57.00
061758	$2\frac{1}{2}$	3.	306	25	70.00

Double Strip Type

061759	$\frac{5}{16}$	.485	20	250	5.00
061760	$\frac{3}{8}$	.61	34	250	7.50
061761	$\frac{1}{2}$	.92	68	100	10.00
061762	$\frac{3}{4}$	1.18	95	50	13.00
061763	1	1.49	144	50	21.00
061764	$1\frac{1}{4}$	1.75	182	50	31.00
061765	$1\frac{1}{2}$	2.06	217	25-50	42.00
061766	2	2.56	265	25-50	57.00

CONDUIT COUPLINGS

FOR SINGLE STRIP TYPE

		Flexible			
Trade No.	Mfrs. No.	Size Inches	Weight per Standard Package	Standard Package	Price per 100
061767	6160	$\frac{5}{16}$	8	50	\$8.00
061768	6161	$\frac{3}{8}$	32	100	8.50
061769	6162	$\frac{1}{2}$	52	100	9.25
061770	6163	$\frac{3}{4}$	73	100	12.00
061771	6164	1	53	50	16.00
061772	6165	$1\frac{1}{4}$	58	50	22.00
061773	6166	$1\frac{1}{2}$	40	25	30.00
061774	6167	2	50	25	43.00
061775	6168	$2\frac{1}{2}$	52	10	75.00
		Combination			
061776	6072	$\frac{1}{2}$	58	100	12.50
061777	6173	$\frac{3}{4}$	57	100	16.00
061778	6174	1	56	50	21.00
061779	6175	$1\frac{1}{4}$	66	50	30.00
061780	6176	$1\frac{1}{2}$	40	25	40.00
061781	6177	2	50	25	60.00

FOR DOUBLE STRIP STYLE

		Flexible			
061782	6160	$\frac{5}{16}$	8	50	8.00
061783	6161	$\frac{3}{8}$	32	100	8.50
061784	6162	$\frac{1}{2}$	52	100	9.25
061785	6063	$\frac{3}{4}$	65	100	12.00
061786	6064	1	64	50	16.00
061787	6065	$1\frac{1}{4}$	65	50	22.00
061788	6066	$1\frac{1}{2}$	44	25	30.00
061789	6067	2	50	25	43.00
		Combination			
061790	6072	$\frac{1}{2}$	58	100	12.50
061791	6073	$\frac{3}{4}$	72 $\frac{1}{2}$	100	16.00
061792	6074	1	61	50	21.00
061793	6075	$1\frac{1}{4}$	65	50	30.00
061794	6076	$1\frac{1}{2}$	47	25	40.00
061795	6077	2	55	25	60.00

Flexible steel conduit, as manufactured for ordinary concealed work, has a plain galvanized finish. This can also be used in exposed work, and painted or decorated to correspond with the surrounding material.

This conduit is composed of convex and concave metal strips wound spirally upon each other in such manner as to interlock their concave surfaces and present their convex surfaces, both exterior and interior, thereby securing a smooth, frictionless surface inside and out.

GREENFIELD FLEXIBLE STEEL ARMORED CONDUCTORS

NATIONAL ELECTRICAL CODE STANDARD

TWIN CONDUCTORS, TYPE BX



Solid

Trade No.	Size B. & S.	Approx. Outside Diam. in Inches	Approx. Feet in Coil	Wt. Lbs. per 100	Price per 1000 Ft.	Code Word
048963	14	.630	150-250	44	\$104.00	Aqauk
048964	12	.640	150-250	45	135.00	Aqaum
048965	10	.675	150-150	52	185.00	Aqaur
Stranded						
048966	8	.818	100-150	81	210.00	Aqayg
048967	6	1.066	100	114	370.00	Aqayl
048967A	4	1.187	100	143	575.00	Aqbha

THREE CONDUCTORS, TYPE BX₃

Solid

048968	14	.648	150-250	53	138.00	Aqbac
048969	12	.675	150-250	55	170.00	Aqbad
048970	10	.755	100-100	66	235.00	Aqbaf
Stranded						
048971	8	.900	100-150	100	325.00	Aqbap
048972	6	1.151	100	146	472.00	Aqbfa

TWIN CONDUCTORS, TYPE BM



Solid, for Marine Work

048973	14	.698	100-200	52	139.00	Aqbar
048974	12	.706	100-200	60	189.00	Aqbat
048975	10	.716	100-150	64	220.00	Aqbba

This type of armored conductor is specially insulated for the wiring of vessels.

SINGLE CONDUCTOR, TYPE D



Solid

048976	14	.37	250	20	61.00	Aqbbk
048977	12	.40	250	21½	71.00	Aqbbo
048978	10	.435	250	23	90.00	Aqbca
048979	8	.500	250	28	106.00	Aqbca
048980	6	.640	250	54	145.00	Aqbde

Stranded

048981	10	.435	250	23	95.00	Aqbdo
048982	8	.500	250	28	115.00	Aqbeb
048983	6	.640	250	54	160.00	Aqbed
048984	4	.690	200	59	205.00	Aqben
048985	2	.770	200	71	266.00	Aqbet
048986	1	.860	100	98	315.00	Aqbex

Greenfield flexible steel armored conductors which are covered by broad fundamental patents, while adapted to new building construction find special favor on account of the ease with which they can be installed in finished buildings. The armor is composed of convex and concave galvanized metal strips, wound spirally upon each other and over the insulated conductors. A gasket is placed between the inner and outer metal strips, thus further rendering the conductor moisture proof. Prices on larger sizes quoted on application.

GREENFIELD FLEXIBLE STEEL ARMORED CONDUCTORS

NATIONAL ELECTRICAL CODE STANDARD

TWIN CONDUCTORS, TYPE BXL

LEAD COVERED AND STEEL ARMORED
Solid

Trade No.	Size B. & S.	Approx. Outside Diam. in Inches	Approx. Feet in Coil	Wt. Lbs. per 100 Ft.	Price per 1000 Ft.
049059	14	.636	100-200	75	\$164.00
049060	12	.688	100-200	78	211.00
049061	10	.861	100-150	108	255.00
Stranded					
049062	8	.900	100-150	125	325.00
049063	6	1.206	100	196	625.00

THREE CONDUCTORS, TYPE BXL3

LEAD COVERED AND STEEL ARMORED
Solid

049064	14	.694	100-150	79	222.00
049065	12	.766	100-150	88	257.00
049066	10	.901	100-150	117	292.00
Stranded					
049067	8	1.046	100-150	180	350.00

SINGLE CONDUCTORS, TYPE DL

LEAD COVERED AND STEEL ARMORED
Stranded

049068	10	.555	250	48	120.00
049069	8	.620	200	54	145.00
049070	6	.760	200	81	196.00
049071	4	.820	150	90	249.00
049072	2	.900	150	120	319.00
049073	1	.985	100	165	388.00

The flexible steel armored, lead covered conductors listed above are superior to any other class of wiring material for use in wet places such as breweries, packing houses, cold storage buildings, coal breakers and the like, and underground construction, in which classes of work these materials are being extensively and satisfactorily used.

STEEL ARMORED FLEXIBLE CORD, TYPE E



049074	18	.403	150-250	20	58.00
049075	16	.408	150-250	21	65.00
049076	14	.462	150-250	25	95.00

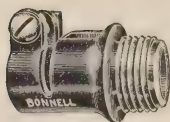
STEEL ARMORED FLEXIBLE REINFORCED CORD, TYPE EM



049077	18	.500	150-250	25	111.00
049078	16	.500	150-250	26	125.00
049079	14	.645	150-250	45	145.00

Prices on larger sizes quoted on application.

BONNELL CONDUIT FITTINGS



No. 055835



No. 055842



No. 055972



No. 055843



No. 055848



No. 055854



No. 055858



No. 055976

CLAMP CONNECTORS

For Armored Cable

Trade No.	Mfrs. No.	Size Inches	Price per 100	Code Word
055835	1905	$\frac{3}{8}$	\$7.50	Bgfb

For Flexible Conduit

055836	1910	$\frac{1}{2}$	7.50	Bgfb
055837	1915	$\frac{3}{4}$	9.50	Bgfbu
055838	1920	1	14.00	Bgfca
055839	1925	$1\frac{1}{4}$	20.00	Bgfce
055840	1930	$1\frac{1}{2}$	30.00	Bgfcu
055841	1935	2	40.00	Bgfda

45 DEGREE ANGLE CONNECTORS

For Armored Cable

055842	1851	$\frac{3}{8}$	12.00	Bgfde
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For Conduit

055972	1853	$\frac{1}{2}$	14.00	Bgfdeb
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90 DEGREE ANGLE CONNECTORS

For Armored Cable

055973	1852	$\frac{3}{8}$	12.00	Bgfek
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For Conduit

055974	1854	$\frac{1}{2}$	14.00	Bgfel
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BOX CONNECTORS

For B. X. Cable

055975	1205	$\frac{3}{8}$	10.00	Bgfem
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For Flexible Conduit

055843	1210	$\frac{1}{2}$	12.00	Bgfft
055844	1215	$\frac{3}{4}$	17.00	Bgfge
055845	1220	1	24.00	Bgfgo
055846	1225	$1\frac{1}{4}$	30.00	Bgfho
055847	1230	$1\frac{1}{2}$	44.00	Bgfhu

PANEL BOX CONNECTORS

For B. X. Cable

055848	1105	$\frac{3}{8}$	14.00	Bgfid
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For Flexible Conduit

055849	1110	$\frac{1}{2}$	14.00	Bgfif
055850	1115	$\frac{3}{4}$	22.00	Bgfig
055851	1120	1	30.00	Bgfin
055852	1125	$1\frac{1}{4}$	40.00	Bgfit
055853	1130	$1\frac{1}{2}$	54.00	Bgfix

FLEXIBLE TO RIGID COUPLINGS

055854	1005	$\frac{1}{2} \times \frac{1}{2}$	15.00	Bgfjo
055855	1010	$\frac{3}{4} \times \frac{3}{4}$	20.00	Bgfka
055856	1015	1×1	28.00	Bgfke
055857	1020	$1\frac{1}{4} \times 1\frac{1}{4}$	35.00	Bgfko

FLEXIBLE CONDUIT COUPLINGS

055858	905	$\frac{1}{2}$	9.25	Bgfma
055859	910	$\frac{3}{4}$	12.00	Bgfne
055860	915	1	16.00	Bgfnu
055861	920	$1\frac{1}{4}$	22.00	Bgfod
055862	925	$1\frac{1}{2}$	30.00	Bgfom

GROUND CLAMPS

For Outlet Boxes

055976	805	$\frac{3}{8}$	6.00	Bgfor
055977	806	$\frac{1}{2}$	6.00	Bgfow

Prices include stove bolts.

FLEXIBLE STEEL CONDUIT FITTINGS

BOX CONNECTORS
FOR ARMORED CONDUCTORSNos. 6131 6134
Nos. 6124½-6129

Trade No.	Mfrs. No.	Size Conductor	Wt. Lbs. Std. Pkg.	Std. Pkg.	Price per 100
038467	6119	{ 14E, 16 and 18EM cord 8D cable }	14	100	\$7.50
038468	6119½	{ 1½-inch S.S. and D.S. Conduit }	14	100	7.50
038469	6120	{ 10, 12, and 14D cable }	14	100	7.50
038470	6121	{ 14BX, 12BX, 14BX3 and 6D }	15	100	7.50
038471	6122	{ 10BX, 12BX3, 14BXL, 12BXL, 14BM, 12BM, 4D, 4DL and 6DL }	15	100	7.50
		{ 10BM, 10BXL, 14 and 12BXL3, 10BX3, 2D and 2DL }			

FOR SINGLE STRIP STYLE CONDUIT

Stamped Steel

Trade No.	Mfrs. No.	Size Inches	Wt. Lbs. Std. Pkg.	Std. Pkg.	Price per 100
038472	*6123	½	17	100	\$7.50
038473	*6124	¾	23	100	9.50
		Malleable Iron			
038474	*6124½	*	19	50	14.00
038475	6125	1	25	50	14.00
038476	6126	1¼	35	50	20.00
038477	6127	1½	37	50	30.00
038478	6128	2	20	20	40.00
038479	6129	2½	28	10	90.00

*No. 6123 also takes 8BX, 8BXL, 10BXL3, 8BX3, 1D. No. 6124 also takes 6BX, 8BXL3. No. 6124½ takes 6BX3, 6BXL and 4BX.

FOR DOUBLE STRIP STYLE CONDUIT

Stamped Steel

Trade No.	Mfrs. No.	Size Inches	Wt. Lbs. Std. Pkg.	Std. Pkg.	Price per 100
038480	6130	½	17½	100	7.50
		Malleable Iron			
038481	6131	¾	31	100	9.50
038482	6132	1	29	50	14.00
038483	6133	1¼	26	50	20.00
038484	6133½	1½	40	50	30.00
038485	6134	2	26	20	50.00

No. 6130 takes also 8BX3, 8BXL, 10BXL3 and 1D.

PANEL BOX CONNECTORS
FOR ARMORED CONDUCTORSNos. 6135 and
6140 to 6144

Trade No.	Mfrs. No.	Size Conductor	Wt. Lbs. Std. Pkg.	Std. Pkg.	Price per 100
038486	6140	12BX, 14BX, 14BX3, 6D	24	100	\$13.00
038487	6141	{ 10BX, 12BX, 10 and 10BX3, 14 and 12BXL, 14 and 12BM, 4D, 6DL }	24	100	13.00
038488	6142	{ 10BM, 10BXL, 14BXL3, 12BXL3, 2D, 4 and 2DL }	25	100	13.00
038489	6143	8BX, 8BX3, 8BXL, 10BXL3, 1D	26	100	13.00
038490	6144	6BX, 8BXL3	26	100	18.00

No. 6143 also takes ½-inch S. S. type conduit. No. 6144 also takes ¾-inch S. S. type conduit.

FOR SINGLE STRIP STYLE CONDUIT

Stamped Steel

Trade No.	Mfrs. No.	Size Inches	Wt. Lbs. Std. Pkg.	Std. Pkg.	Price per 100
038491	6143	½	26	100	\$13.00
038492	6144	¾	26	100	18.00
		Malleable Iron			
038493	6144½	†	11	20	18.00
038494	6145	1	18	20	21.00
038495	6146	1¼	24	20	30.00
038496	6147	1½	26	20	40.00
038497	6148	2	32	20	54.00
038498	6149	2½	29	10	100.00

†No. 6144½ takes 6BX3, 6BXL and 4BX.

FOR DOUBLE STRIP STYLE CONDUIT

Stamped Steel

Trade No.	Mfrs. No.	Size Inches	Wt. Lbs. Std. Pkg.	Std. Pkg.	Price per 100
038499	6135	½	26	100	15.00
		Malleable Iron			
038500	6136	¾	38	100	16.00
011255	6137	1	31	50	19.00
011256	6138	1¼	38	50	25.00
011257	6138½	1½	44	50	37.00
011258	6139	2	26	20	57.00

Nos. 6136 to 6139
Nos. 6144½ to 6149

No. 6135 also takes 8BX3, 8BXL and 10BXL3 and 1D cable.

T. & B. CONNECTORS



90° Angle Connector



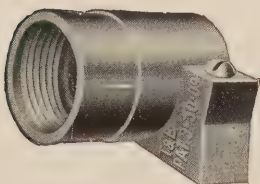
45° Angle Connector



Hood Box Connector



Hood Panel Connector



Hood Combination Coupling



Split Connector

45° AND 90° HOOD ANGLE CONNECTORS

For Armored Cable

Trade No.	Size Inches	Degree	Std. Pkg.	Price per 100	Code Word
053063	$\frac{3}{8}$	45	100	\$13.00	Azjof
053064	$\frac{3}{8}$	90	100	13.00	Azjoh
053065	$\frac{1}{2}$	45	100	13.00	Azjok
053066	$\frac{1}{2}$	90	100	13.00	Azjow
053067	$\frac{3}{4}$	45	50	16.00	Azjpo
053068	$\frac{3}{4}$	90	50	16.00	Azjra

The $\frac{3}{8}$ inch connectors will take 14 and 12 (2 wire) and 14 and 12 (3 wire) Sterling armored conductors; also 14BX and 12BX and 14BX3 Sprague cable.

The $\frac{1}{2}$ inch connectors will take $\frac{1}{2}$ inch Sterling or Sprague flexible conduit.

The $\frac{3}{4}$ inch connectors will take $\frac{3}{4}$ inch Sterling flexible conduit and $\frac{3}{4}$ inch Sprague S. S. type. A locknut attached to each connector is furnished free of cost.

HOOD BOX CONNECTORS

For Armored Cable

Trade No.	Size Inches	Std. Pkg.	Price per 100	Code Word
053069	$\frac{3}{8}$	100	\$7.50	Azjte

For Armored Lead Conductor

053070	$\frac{3}{8}$ A	100	7.50	Azjtu
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For Flexible Metallic Conduit

053071	$\frac{1}{2}$	100	7.50	Azbuc
053072	$\frac{3}{4}$	100	9.50	Azjue
053073	1	50	14.00	Azjuk
053074	$1\frac{1}{4}$	50	20.00	Azjus

The $\frac{3}{8}$ and $\frac{1}{2}$ inch will take Sterling or Sprague, the $\frac{3}{4}$, 1 and $1\frac{1}{4}$ inch will take Sterling and Sprague S. S. type, $\frac{3}{8}$ A will take No. 12 (3 wire), No. 10 (2 wire), and No. 14 and No. 12 (2 wire) leaded.

A locknut attached to each connector is furnished free of cost.

NEW HOOD PANEL CONNECTORS

For Armored Conductors

053075	$\frac{3}{8}$	100	13.00	Azkal
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For Flexible Conduit

053076	$\frac{1}{2}$	100	13.00	Azkam
053077	$\frac{3}{4}$	100	18.00	Azkar

The $\frac{3}{8}$ and $\frac{1}{2}$ inch sizes take Sterling and Sprague. The $\frac{3}{4}$ inch size take $\frac{3}{4}$ inch Sterling and Sprague S. S. type, flexible conduits.

A locknut attached to each connector is furnished free of cost.

HOOD COMBINATION COUPLINGS

053078	$\frac{1}{2}$	100	12.50	Azkaw
053079	$\frac{3}{4}$	100	16.00	Azkba
053080	1	50	21.00	Azkbi
053081	$1\frac{1}{4}$	50	30.00	Azkpu

The $\frac{1}{2}$ inch will take Sterling or Sprague, the $\frac{3}{4}$, 1 and $1\frac{1}{4}$ inch will take Sterling or Sprague S. S. type flexible conduits.

SPLIT CONNECTORS

For Flexible Steel Conduit

073082	$\frac{1}{2}$	100	9.25	Azkro
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This $\frac{1}{2}$ inch size is made of steel, other sizes are made of cast iron.

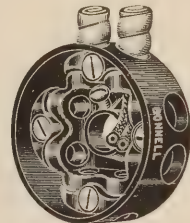
BONNELL OUTLET AND SWITCH BOXES



Types A and B

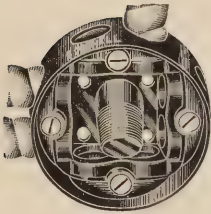


Types C and D



Types E and F

FOR B. X. ARMORED CONDUCTORS



Types G and H

Trade No.	Type A	Price per 100	Code Word
057551	For combination gas and electric work	\$22.00	Bhhlo
	Type B		
057552	For straight electric work	22.00	Bhhma

FOR HALF-INCH FLEXIBLE STEEL CONDUIT

	Type C		
057553	For combination gas and electric work	24.00	Bhhmo
	Type D		
057554	For straight electric work	24.00	Bhhne

FOR B. X. ARMORED CONDUCTORS

	Type E		
057555	For combination gas and electric work	32.00	Bhhns
	Type F		
057556	For straight electric work	32.00	Bhhob

FOR HALF-INCH FLEXIBLE STEEL CONDUIT

	Type G		
057557	For combination gas and electric work	40.00	Bhhok
	Type H		
057558	For straight electric work	40.00	Bhhon

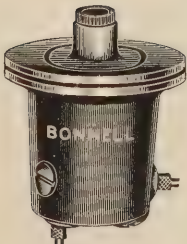


Switch Box

SWITCH AND RECEPTACLE BOXES

Trade No.	Mfrs. No.	Gang	Price Each	Code Word
057559	1751	1	\$0.40	Bhhot
057560	1752	2	.75	Bhhta
057561	1753	3	1.10	Bhhuc

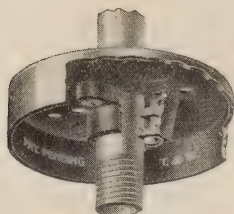
WATERPROOF FLOOR BOXES



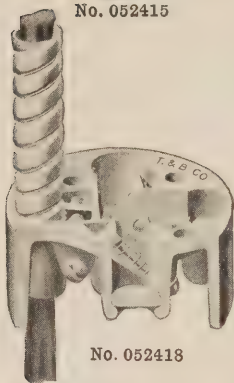
Floor Box

Trade No.		Price Each	Code Word
057562	Bottom of box, galvanized	\$0.90	Bhhum
057563	Brass cover and flush plug	.65	Bhhup
057564	Brass nozzle	.30	Bhhyk
057565	Receptacle and strap	.65	Bhhyl
057566	Box complete	2.50	Bhhym

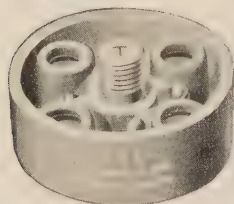
CONDUIT FITTINGS



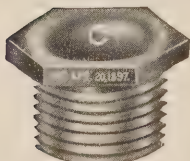
No. 052415



No. 052418



No. 052419



Nos. 052420-29



No. 052433

DEAD GROUND BOX SUPPORTS

Trade No.	Size Inches	Std. Pkg.	Price per 100
052415	$\frac{3}{8}$	100	\$5.00
052416	$\frac{1}{2}$	100	5.00
052417	Stove bolts for attaching support to box		100 .30

Enables you to fasten the box just where you want it on the gas pipe or hanger, and to hold it in the right place when you get it there.

They can't slip, the nut bites into the metal.

DEAD GROUND CABLE BOXES

Trade No.	Type	Std. Pkg.	Price per 100
052418	A For straight electrical work	100	\$22.00
052419	B For comb. gas ($\frac{3}{8}$ inch) and electric	100	22.00

These boxes have the simplest, yet absolutely the most effective connecting and grounding device, based on the wedge and inclined plane principle, which entirely does away with the multiplicity of parts required in boxes.

The mechanical and electrical connection between box and armor is perfect. They are easy to install.

CHASE NIPPLES

Trade No.	Size Inches	Std. Pkg.	Price per 100
052420	$\frac{3}{8}$	1000	\$5.00
052421	$\frac{1}{2}$	1000	5.00
052422	$\frac{3}{4}$	100	8.00
052423	1	100	15.00
052424	$1\frac{1}{4}$	100	18.00
052425	$1\frac{1}{2}$	50	20.00
052426	2	50	30.00
052427	$2\frac{1}{2}$	25	50.00
052428	3	25	80.00
052429	$3\frac{1}{2}$	20	250.00

CHASE COUPLINGS

Trade No.	Size Inches	Std. Pkg.	Price per 100
052430	$\frac{3}{8}$	1000	6.00
052431	$\frac{1}{2}$	1000	6.00
052432	$\frac{3}{4}$	100	9.00

ERICKSON COUPLINGS

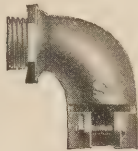
Trade No.	Size Inches	Std. Pkg.	Price per 100
052433	$\frac{1}{2}$	100	16.00
052434	$\frac{3}{4}$	50	20.00
052435	1	25	28.00
052436	$1\frac{1}{4}$	25	50.00
052437	$1\frac{1}{2}$	25	65.00

Erickson Couplings are furnished either black enameled or tinned finish, as ordered.

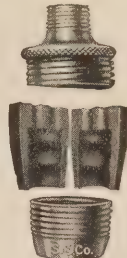
FLEXIBLE STEEL CONDUIT FITTINGS AND TOOLS



45° Connector
Nos. 6190 and 6191



90° Connector
Nos. 6192 and 6193



Nos. 6115
and 6116



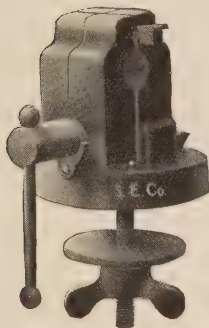
No. 6117



No. 6118



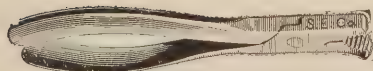
No. 6080



No. 6814



No. 6810



No. 6813

ANGLE BOX CONNECTORS

45 Degree

Trade No.	Mfrs. No.	Description	Wt. Lbs. Std. Pkg.	Std. Pkg.	Price per 100
038451	6190	For Nos. 14, 12BX and 14BX3.....	34	100	\$13.00
038452	6191	For 1/2-in. S.S. and D.S. types of flexible conduit	34	100	13.00

90 Degree

038453	6192	For Nos. 14, 12BX and 14BX3.....	34	100	13.00
038454	6193	For 1/2-in. S.S. and D.S. types of flexible conduit	34	100	13.00

BRASS BUSHINGS

For Steel Armored Flexible Cord

038455	6115	For Nos. 16 and 18 type, E cord....	5	200	7.00
038456	6116	For No. 14 type, E cord.....	5	200	7.00
038457	6117	Brass nipple and cap.....	6	200	7.00
050200	6117 1/2	Long brass nipple with cap.....	10	200	7.00
038458	6118	Brass cap.....	1	200	2.00

These bushings are ideal for use with steel-armored flexible cord, as they thoroughly insulate the boxes and covers from the armor of the cord and the shell of the socket. They may be used in connection with box covers, sockets, rosettes, plug receptacles and attachment plugs.

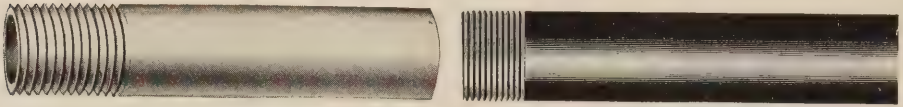
BRASS TERMINAL BUSHINGS

038459	6080	For 12BX, 14BX, 14BX3.....	3/4	100	2.50
038460	6081	For 10BX, 12BX3.....	2 1/4	100	4.75
038461	6082	For 10BX3.....	2	100	4.75
038462	6083	For 8BX.....	2 1/4	100	6.25
055053	6084	For BX3.....	2 1/2	100	6.75

TOOLS

Trade No.	Mfrs. No.	Description	Price Each
038463	6812	New cable armor cutter.....	\$0.75
038464	6814	Special vise for holding conduit.....	3.00
038465	6810	Reamer for S. S. type conduit.....	.75
038466	6813	Flexible cord armor cutter..	.55

RIGID IRON CONDUIT



Galvanized

CONDUIT

Enameled

		Galvanized or Enameled							
Trade No.	Stand. Pipe Size, Inches	Inside Diameter, Inches	Outside Diameter, Inches	Threads per Inch	Weight per 100	Price per 100 Ft.	Code Word		
6441	1/2	.62	.84	14	85	\$12.50	Enuj		
6442	3/4	.82	1.05	14	112	16.00	Enuk		
6443	1	1.04	1.31	11 1/2	167	24.00*	Enur		
6444	1 1/4	1.38	1.66	11 1/2	224	32.00*	Enux		
6445	1 1/2	1.61	1.90	11 1/2	268	38.00*	Enym		
6446	2	2.06	2.37	11 1/2	361	52.00*	Eoad		
6447	2 1/2	2.46	2.87	8	574	80.00*	Eoag		
6448	3	3.06	3.50	8	754	107.00	Eoax		
6449	3 1/2	3.54	4.00	8	900	141.00	Eobe		
6450	4	4.02	4.50	8	1066	175.00	Eobo		

ELBOWS

Trade No.	Stand. Pipe Size, Inches	Radius Inches	Offset Inches	Threads per Inch	Weight per 100	Price per 100	Code Word
06441	1/2	4.25	7.50	14	73	\$32.00*	Eoca
06442	3/4	5.37	9.25	14	132	41.00*	Eodo
06443	1	5.75	10.12	11 1/2	200	62.00*	Eods
06444	1 1/4	7.25	11.50	11 1/2	300	84.00*	Eoek
06445	1 1/2	8.50	12.62	11 1/2	415	115.00	Eofa
06446	2	9.50	15.25	11 1/2	700	200.00	Eoft
06447	2 1/2	10.50	17.75	8	1138	340.00*	Eofu
06448	3	13.00	19.37	8	1885	900.00	Eoga
06449	3 1/2	15.00	21.00	8	2100	2000.00	Eoge
06450	4	16.00	22.50	8	2160	2295.00	Eogo

COUPLINGS

Trade No.	Stand. Pipe Size, In.	Weight per 100	Price per 100	Code Word
06451	1/2	15 1/2	\$10.00*	Eogs
06452	3/4	25 1/2	15.00*	Eogu
06453	1	40 1/2	18.00*	Eohl
06454	1 1/4	57 1/2	31.00*	Eoje
06455	1 1/2	71 1/4	37.00*	Eoki
06456	2	132	53.00*	Eoku
06457	2 1/2	185	76.00*	Eolb
06458	3	300	113.00*	Eolf
06459	3 1/2	400	200.00*	Eolp
06460	4	412	280.00*	Eolt

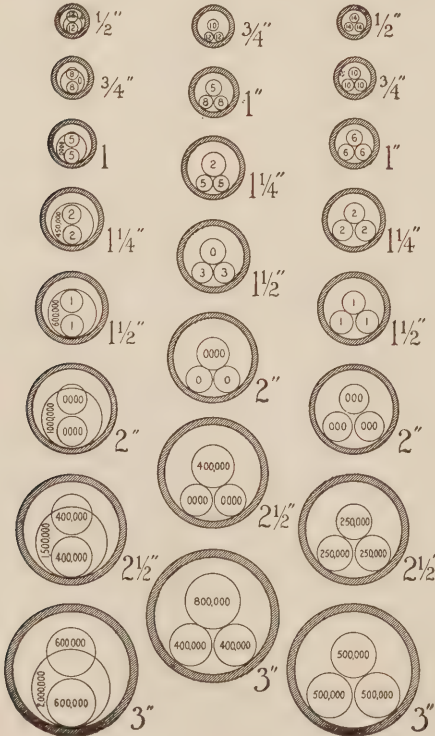
In ordering specify whether Galvanized or Enameled conduit is desired.

GALVANIZED CONDUIT

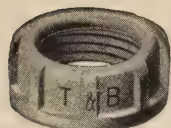
Galvanized Conduit is manufactured from mild steel tubing of the best quality. The ends are carefully reamed to facilitate the fishing of wires. All tubes are thoroughly cleaned both inside and outside by special processes before being heavily coated with zinc. Only pure zinc is deposited, the resulting coat being bright, firmly adherent and non-corrosive.

ENAMELED CONDUIT

Enameled Conduit is manufactured from mild, drawn steel tubing. Before enameling, the tubing is thoroughly cleaned and freed from dirt, grease, scale, silicates and burrs. This process leaves an absolutely clean surface for the application of the compound. This enamel forms a homogeneous coating, adhering closely to the surface pores of the metal, and retains its flexibility under all changes of temperature. The enamel used is acid, alkali, rust, and water-proof.



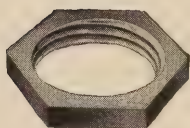
T. & B. CONDUIT FITTINGS



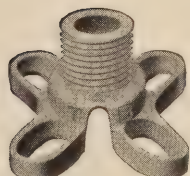
No. 052175-77



No. 052178-88



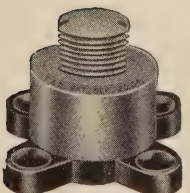
No. 052217-30



No. 052231



No. 052233



No. 052235

CONDUIT BUSHINGS

Trade No.	Size Inches	Std. Pkg.	Price per 100	Code Word
052175	$\frac{3}{8}$	1000	\$6.00	Azkir
052176	$\frac{1}{2}$	1000	6.00	Azkip
052177	$\frac{3}{4}$	100	8.00	Azkjo
052178	1	100	15.00	Azkju
052179	$1\frac{1}{4}$	100	18.00	Azkka
052180	$1\frac{1}{2}$	50	20.00	Azkle
052181	2	50	30.00	Azkma
052182	$2\frac{1}{2}$	25	50.00	Azkme
052183	3	25	80.00	Azkog
052184	$3\frac{1}{2}$	20	150.00	Azkoj
052185	4	20	200.00	Azkol
052186	$4\frac{1}{2}$	20	400.00	Azkos
052187	5	20	500.00	Azkov
052188	6	15	600.00	Azkpe

SPECIAL STEEL LOCK NUTS

Trade No.	Size Inches	Std. Pkg.	Price per 100	Code Word
052217	$\frac{3}{8}$	1000	1.50	Azlek
052218	$\frac{1}{2}$	1000	1.50	Azlen
052219	$\frac{3}{4}$	100	2.50	Azlet
052220	1	100	4.00	Azlew
052221	$1\frac{1}{4}$	100	6.50	Azlfa
052222	$1\frac{1}{2}$	50	8.00	Azlfe
052223	2	50	10.00	Azjbi
052224	$2\frac{1}{2}$	25	15.00	Azjcu
052225	3	25	30.00	Azjea
052226	$3\frac{1}{2}$	25	60.00	Azjex
052227	4	25	100.00	Azjhu
052228	$4\frac{1}{2}$	20	140.00	Azjik
052229	5	20	160.00	Azjil
052230	6	15	200.00	Azjim

HICKEY FIXTURE STUDS

Trade No.	Size Stud Inches	Std. Pkg.	Price per 100	Code Word
052231	$\frac{3}{8}$	100	\$5.00	Azjir
052232	$\frac{1}{2}$	100	6.50	Azjku

Price includes two stove bolts with each stud.

This stud is made of malleable iron, and is furnished either tinned or japanned. As shown by illustration all four prongs have extra long slots to allow adjustment. With this stud no hickeys are required on straight electric work if combination insulating joint is used.

FOUR PRONG FIXTURE STUDS

Trade No.	Size Stud Inches	Std. Pkg.	Price per 100	Code Word
052233	$\frac{3}{8}$	100	5.00	Azjla
052234	$\frac{1}{2}$	100	6.50	Azjle

Price includes two stove bolts for each stud.

Is designed to be used either on the inside of box or, better yet, on the outside, with shank passing through centre hole.

The weight of fixture is then supported by the entire box, instead of by small screws or bolts, as is the case with other studs.

These studs are made from the best grade of malleable iron, are highly enameled, and the thread is machine cut.

INSULATED STUDS FOR STRAIGHT ELECTRIC WORK

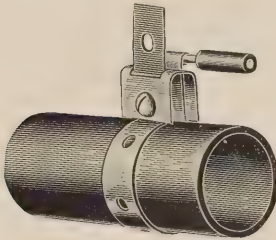
Trade No.	Size Stud Inches	Std. Pkg.	Price per 100	Code Word
052235	$\frac{3}{8}$ -inch insulated stud	100	\$50.00	Azjme
052226	$\frac{1}{4} \times \frac{3}{8}$ -inch hickeys	100	10.00	Azjmo
052237	$\frac{3}{8} \times \frac{3}{8}$ -inch hickeys	100	10.00	Azjnr

Stud can be attached to any standard outlet box, leaving plenty of room for bushings.

Height of stud but $1\frac{1}{8}$ inches, so may be used with any style of canopy or with fixtures with flat backs.

One device to replace two, for the T. & B. insulating stud takes the place of both the standard fixture stud and the old style insulating joint in one-half the space.

GROUND CLAMPS



All-in-One

ALL-IN-ONE GROUND CLAMPS

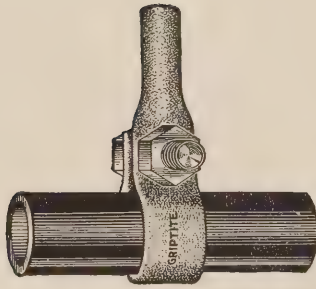
Trade No.	Style	For Pipe Sizes, In.	Price Each
013759	A	1/2 to 1	\$0.20
013760	B	1/2 to 2	.25
013761	C	1/2 to 3	.30

This clamp is adjustable to different sizes of pipe.

GRIPTITE GROUND CLAMPS

Trade No.	For Pipe Size, In.	Price Each	Trade No.	For Pipe Size, In.	Price Each
16771	1/4-3/8-1/2	\$0.16	16775	1 1/2	\$0.28
16772	3/4	.18	16776	2	.32
16773	1	.21	17623	2 1/2	.36
16774	1 1/4	.24	17624	3	.40

Griptite Ground Clamps are made of one piece rolled copper tubing in sizes to conform to the exact diameter of standard pipe, from 1/2 to 4 inches. Sizes 3 1/2 to 4 inches are made to order only. The lug to which the ground wire is soldered takes any size of wire up to and including No. 4 B. & S. Before attaching clamp be sure the enameled conduit is scraped clean.



Griptite

FLEXCLAMP GROUND CLAMPS

Trade No.	Style	Width Copper	Price Each
06353	A	3/4	\$0.11
06354	B	3/4	.11
06355	C	1	.14
06356	D	1	.18
06357	E	1 1/4	.22

Flexclamp Ground Clamps are made of one piece copper and fit perfectly the helical construction of flexible conduit.

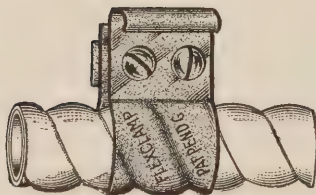
Size A will fit No. 14 and No. 12 BX 2 conductors, No. 14 BX 3 conductor and 3/8-inch flexible conduit.

Size B will fit No. 10 BX 2 and 3 conductors, No. 12 BX 3 conductor, No. 12 BXL, No. 14 BXL, No. 12 BM, and No. 14 BM.

Size C will fit 1/2-inch flexible conduit.

Size D will fit 3/4-inch flexible conduit and No. 4 BX 2 conductor

Size E will fit 1-inch flexible conduit.



Flexclamp

WROUGHT IRON PIPE HOOKS

Trade No.	Size Inches	Price per 100	Trade No. *	Size Inches	Price per 100
07845	1/4	\$0.30	07849	1	\$0.65
07846	3/8	.35	07850	1 1/4	.85
07847	1/2	.40	07851	1 1/2	1.00
07848	3/4	.50	07852	2	1.10



Pipe Hook

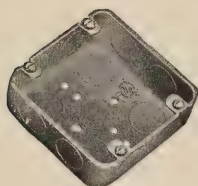
TINNED PIPE STRAPS

Trade No.	Size Inches	Price per 100	Trade No.	Size Inches	Price per 100
07853	1/4	1.00	07858	1 1/4	2.50
07854	3/8	1.00	07859	1 1/2	3.00
07855	1/2	1.00	07860	2	3.50
07856	3/4	1.50	07861	2 1/2	8.00
07857	1	2.00	07862	3	10.00



Pipe Strap

OUTLET BOXES AND COVERS



No. 6200



No. 6231



No. 6201

SQUARE BOXES

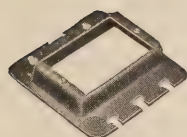
Galvanized or Enameled Finish

Trade No.	Mfrs. No.	DIMENSIONS, INCHES		Std. Pkg.	Price per 100
		Length	Depth		
020502	6200	4	1 $\frac{5}{8}$	100	\$20.00
020503	6200E	4	1 $\frac{5}{8}$	100	20.00
020504	6225	4 $\frac{11}{16}$	1 $\frac{7}{8}$	100	32.00
020505	6225D	4 $\frac{11}{16}$	2 $\frac{1}{4}$	100	36.00
020506	6231	4 $\frac{11}{16}$	1 $\frac{5}{8}$	100	50.00
020507	6231D	4 $\frac{11}{16}$	2 $\frac{1}{4}$	100	62.00

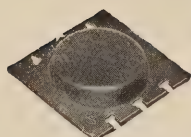
Nos. 6231 and 6231D have gas pipe nipples.

No. 6200E is straight electric.

Galvanized finish boxes will be furnished unless otherwise specified.



No. 6202



Nos. 6203-6227

SQUARE BOX COVERS

Galvanized or Enameled Finish

For Nos. 6200 and 6200E Straight Electric Boxes

Trade No.	Mfrs. No.		Std. Pkg.	Price per 100
020508	6201	Canopy cover	100	\$12.00
020509	6202	Switch cover	100	14.00
020510	6203	Closed cover	100	10.00
020511	6204	Pendant cover	100	14.00
020512	6205	Two gang switch cover	100	20.00
020513	6206	Open cover with ears, D. and T.	100	14.00
020514	6206 $\frac{1}{2}$	Open cover with ears	100	12.00
020515	6207	Canopy cover without gas pipe flange	100	10.00
020516	6208	Canopy cover with ears, D. and T. and without gas pipe flange	100	12.00
020517	6208 $\frac{1}{2}$	Canopy cover with ears	100	10.00
020518	6209	Closed cover with gas pipe flange	100	12.00
020519	6210	Switch cover	100	14.00
020520	6211	Closed cover without gas pipe flange	100	8.00
020521	6212	For Hart round base rotary switch	100	14.00
020522	6213	For Perkin round base rotary switch	100	14.00

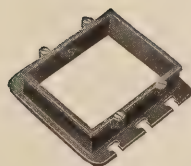
The above covers are interchangeable with other standard 4-inch boxes.

For Nos. 6225 and 6225 Deep, 6231 and 6231 Deep Boxes

020523	6226	Canopy cover without gas pipe flange	100	14.00
020524	6227	Closed cover	100	14.00
069358	6228	Canopy cover with ears, D. and T., with gas pipe flange	100	16.00
069359	6228 $\frac{1}{2}$	Canopy cover with ears	100	14.00
069360	6229	Pendant cover	100	18.00
069361	6230	Switch cover	100	16.00

The above covers are interchangeable with other standard 4 $\frac{11}{16}$ square boxes.

Galvanized finish covers will be furnished unless otherwise specified.



No. 6205

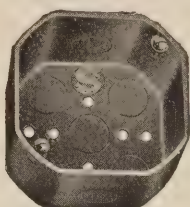


No. 6206

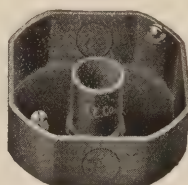
OUTLET BOXES AND COVERS



No. 6249



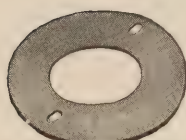
No. 6250



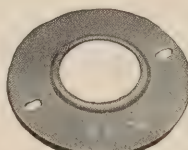
No. 6399



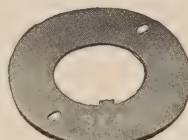
No. 6219, 6222



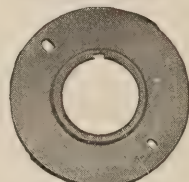
No. 6251



No. 6253



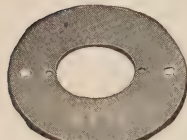
No. 6255



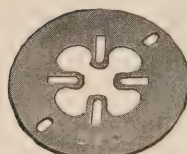
No. 6257

OCTAGONAL BOXES

Galvanized or Enameled



No. 6259



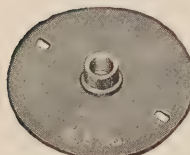
No. 6263

Trade No.	Mfrs. No.	DIMEN. INCHES		Std. Pkg.	Price per 100
069525	6246	3 1/4	3/4	100	\$18.00
020445	6249	3 1/4	1 5/8	100	30.00
020446	6250	3 1/4	1 5/8	100	20.00
020447	6350	4	1 5/8	100	20.00
020448	6350D	4	2 1/4	100	32.00
020449	6350N	4	1 5/8	100	20.00
020450	6399	4	1 5/8	100	40.00
020451	6399D	4	2 1/4	100	52.00
020452	6219	4	5 7/8	100	16.00
020453	6220	4	5 7/8	100	11.00
020454	6221	4	7 7/8	100	12.00
020455	6222	4	7 7/8	100	16.00
069526	6223	5	3 1/4	100	22.00

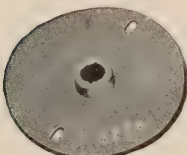
ROUND COVERS

Galvanized or Enameled

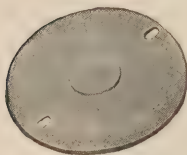
For No. 6250 Boxes



Nos. 6264, 6268



Nos. 6272, 6274



No. 6278

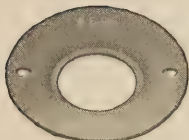
Trade No.	Mfr. No.		Std. Pkg.	Price per 100
020456	6251	For G. E. 9397 receptacles.....	100	\$7.00
020457	6253	For G. E. 49354 receptacles.....	100	7.00
020458	6255	For Federal 303 and 304 receptacles.....	100	8.00
020459	6257	For P. & S. 577 and 877 receptacles.....	100	7.00
020460	6259	For Benj. 6, 6A and 6B receptacles.....	100	7.00
020461	6261	For G. E. 60931 P. & S. 977 and 777 receptacles.....	100	8.00
020462	6263	For 3-10 ampere snap switches.....	100	7.00
020463	6264	With 1/8-inch male nipple.....	100	12.00
020464	6266	With 1/8-inch female nipple.....	100	12.00
020465	6268	With 3/8-inch male nipple.....	100	14.00
020466	6270	With 3/8-inch female nipple.....	100	14.00
020467	6272	Pendant with 1/8-inch ins. bushing.....	100	10.00
020468	6274	Pendant with 3/8-inch ins. bushing.....	100	10.00
020469	6276	Closed, flat.....	100	6.00
020470	6278	Closed, with 1/8-inch knockout.....	100	7.00
020471	6292	Flush for G. E. 50746 and Bryant, No. 5050.....	100	7.00
020472	6293	For Bryant 1508 receptacles.....	100	8.00

When enameled finish is desired customers must specify same on order, otherwise galvanized finish will be furnished.

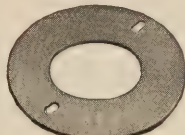
These covers can also be furnished in the following finishes; polished brass, old brass, oxidized copper, polished copper, and nickel, at an additional list price of \$15.00 per 100.

These covers are interchangeable with standard 3 1/4-inch round stamped steel boxes.

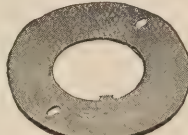
OUTLET BOX COVERS



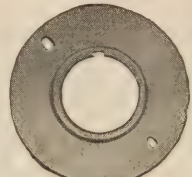
No. 6351



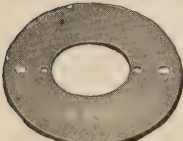
No. 6353



No. 6355



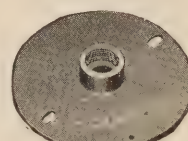
No. 6357



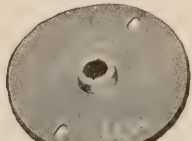
No. 6359



No. 6363



No. 6366

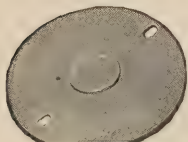


No. 6372

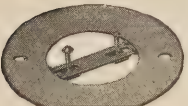
ROUND COVERS

Galvanized or Enameled Finish

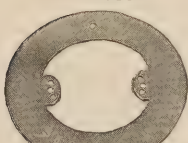
For Nos. 6350 6350 Deep and 6350N Boxes



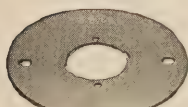
No. 6378



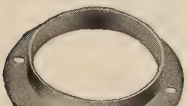
No. 6380



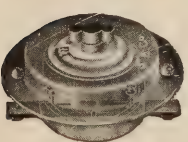
No. 6381



No. 6382



No. 6383

Nos. 6389, 6390,
6391

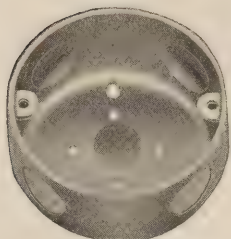
Trade No.	Mfrs. No.		Std. Pkg. per 100	Price
020473	6351	For G. E. 9397 receptacles	100	\$9.00
020474	6353	For G. E. 46354 receptacles.....	100	9.00
020475	6355	For F. 303 and 304 receptacles.....	100	8.00
020476	6357	For P. & S. 577 and 877 receptacles.....	100	9.00
020477	6359	For Benj. 6, 6A and 6B receptacles.....	100	9.00
020478	6361	For G. E. 60931, P. & S. 777 and 977 receptacles.....	100	9.00
020479	6363	For 3-10 amp. snap switches.....	100	9.00
020480	6364	With 1/8-inch male nipple	100	13.00
020481	6366	With 1/8-inch female nipple	100	13.00
020482	6368	With 3/8-inch male nipple.....	100	16.00
020483	6370	With 3/8-inch female nipple.....	100	16.00
020484	6372	With 1/8-inch ins. bushing.....	100	12.00
020485	6374	With 3/8-inch ins. bushing.....	100	12.00
020486	6376	Closed, flat.....	100	8.00
020487	6378	Closed, with 1/2-inch knockout.....	100	9.00
020488	6380	For 10-ampere switches.....	100	10.00
020489	6381	For 20-ampere switches.....	100	10.00
020490	6382	For Hubbell floor receptacles.....	100	9.00
020491	6383	Open or canopy	100	8.00
020492	6384	Closed with knockout for CC227 Norbitt receptacles.....	100	9.00
020493	6385	Canopy with ears D. & T.	100	10.00
069527	6385 1/2	Canopy cover with ears.....	100	8.00
020494	6386	Closed.....	100	8.00
020495	6387	Pendant, with 3/8-inch bushing.....	100	14.00
020496	6388	Closed, with two 3/8-inch bushings.....	100	16.00
020497	6389	Concealed, for 3 ampere G. E. Perkins, Arrow E and D. H. switches.....	100	18.00
020498	6390	Concealed, with 1 1/8-inch opening, for G. E. Perkins, Arrow E. D. H. and H. & H. switches.....	100	18.00
020499	6391	Concealed, with 2 1/8-inch opening, for Perkins and H. & H. switches.....	100	18.00
020500	6394	For Trumbull No. 976 receptacles.....	100	9.00
020501	6395	For Norbitt No. CC332 and CC338 rosettes.....	100	9.00

When enameled finish is desired, customers must specify same on order; otherwise galvanized finish will be furnished.

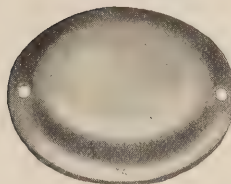
These covers can also be furnished in the following finishes at the same price as polished brass finish: Old brass, oxidized copper, polished copper and nickel, at an additional price of \$15.00 per 100.

These covers are interchangeable with standard 4-inch round stamped steel boxes.

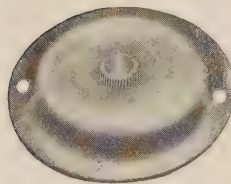
T. & B. OUTLET BOXES AND COVERS



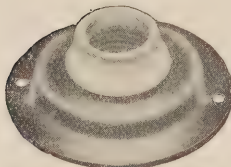
No. 7



No. 7-A



No. 7-C



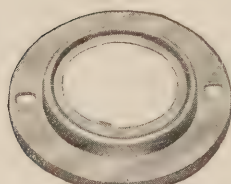
No. 7-D



No. 7-E



No. 7-F



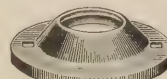
No. 7-O



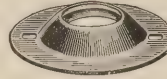
No. 7-G



No. 7-H



No. 7-I



No. 7-J

BOXES

Diameter 3 Inches, Depth 1½ Inches

Trade No.	T. & B. No.	Comparative Bossert No.	Price per 100
075339	7	17A	\$20.00
075340	77	17	30.00

No. 7 has four ½ inch knockouts in sides and one ½-inch knockout in bottom.

No. 77 has four ½-inch knockouts in sides only. Is furnished complete with bridge for G. E. 50746 and Bryant 5050 receptacles (screw 1¼-inch on center).

These boxes have two tapped screw holes in bottom, 1½-inch centers.

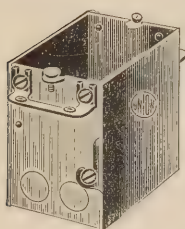
STEEL COVERS

Trade No.	T. & B. No.	Comparative Bossert No.	Price per 100
075341	7-A	50	Closed, raised center..... \$6.00
075342	7-AA	.....	Closed, flat..... 6.00
075343	7-B	.....	2-in. outlet, lip ⅜ in. high..... 7.00
075344	7-C	50-B	With ⅜-in. insulating bushing.... 10.00
075345	7-D	58-S	For Federal receptacles, 1⅜-in. hole 8.00
075346	7-E	48-BS	Flush for G-E 9397, 1⅜-in. hole.... 7.00
075347	7-F	79	Flat for standard 5 and 10-amp. snap switches and Bryant wall sockets 10.00
075348	7-G	74	For Bryant 1508 receptacle, 1⅜-in. hole; screws, 1½-in. centers..... 8.00
075349	7-H	74-A	For Hubbell 5506 plug receptacle, 1⅜-in. hole; screws, 1½-in. centers 8.00
075350	7-I	49-S	Lapped for G-E 50746 and Bryant 5050 receptacles, 1¼-in. hole..... 8.00
075351	7-J	48-S	Flush, same as 7-I..... 7.00
075352	7-K	.....	For Benjamin receptacles, 6 and 6-S, 1⅜-in. hole; screws 1¾-in. centers (see cut 7-H)..... 7.00
075353	7-L	82	For P. & S. 777 and 977, and Bryant 46749 receptacles, 1⅜-in. hole, screws 1⅜-in. centers..... 8.00
075354	7-M	.....	For P. & S. receptacles 877, 988, 577, 1½-in. hole..... 7.00

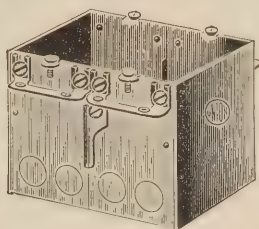
POLISHED HEAVY BRASS COVERS

075355	7-N	58	Flush for Federal receptacle, 1⅜-in. hole (see 7-D)..... 30.00
075356	7-O	59	Lapped, same as 7-N..... 32.00
075357	7-P	48	Flush for G-E 50746 and Bryant 5050 receptacles 1¼-in. hole (see cut 7-J)..... 30.00
075358	7-Q	49	Lapped, same as 7-P..... 32.00
075359	7-R	48-B	Flush for G-E 9397, 1⅜-in. hole... 30.00
075360	7-S	49-B	Lapped, same as 7-R..... 32.00
075361	7-T	.....	Flush with ⅜-in. insulated bushing 34.00
075362	7-U	.....	Lapped, same as 7-T..... 36.00
075363	7-V	.....	Lapped with two ⅜-in. insulated bushings..... 40.00
075364	7-W	.....	Flush for P. & S. receptacles 877, 988, 577, 1½-in. hole... 30.00
075365	7-X	82-B	Flush for P. & S. 777, 977, and Bryant 46749 receptacles, 1⅜-in. hole; screws, 1⅜-in. centers..... 30.00

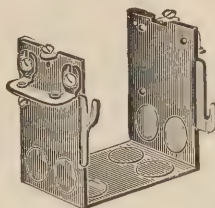
UNION SECTIONAL SWITCH BOXES



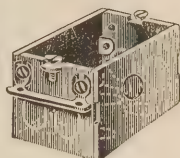
Type AA Single



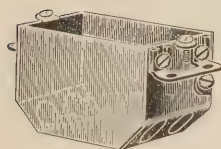
Type AA 2 Gang



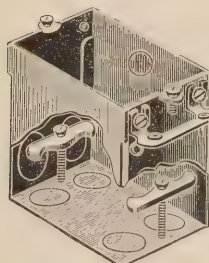
Type AA Spacer



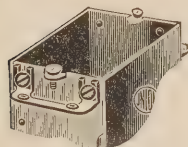
Type CCS Single



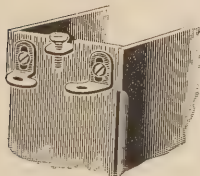
Type DD Single



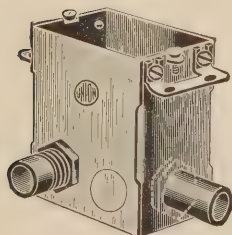
Type AC Single



Type C Ear



Type F Ear



Type BB Single

FOR FLEXIBLE CONDUIT

FOR RECTANGULAR BASE PUSH BUTTON AND ROTARY SWITCHES

Without Clamps

Trade No.	Type	Depth Inches	No. Gangs	Price Each	Code Word
057868	AC	3 1/4	1	\$0.50	Bhoku
057869	AC	3 1/4	2	.90	Bholb
057870	AC	3 1/4	Spacer	.40	Bholf
057895	AA	3	1	.50	Dmdu
057896	AA	3	2	.90	Dmeb
057897	AA	3	Spacer	.40	Dmed
057898	AB	2 3/4	1	.50	Dmeg
057899	AB	2 3/4	2	.90	Dmek
057900	AB	2 3/4	Spacer	.40	Dmeo
057901	CC	2 1/2	1	.50	Dmel
057902	CC	2 1/2	2	.90	Dmep
057903	CC	2 1/2	Spacer	.40	Dmet
057871	DD	2	1	.50	Bholp
057872	DD	2	2	.90	Bholt
057873	DD	2	Spacer	.40	Bhomb

With Clamps

057874	AC	3 1/4	1	.60	Bhomp
057875	AC	3 1/4	2	1.10	Bhond
057876	AC	3 1/4	Spacer	.50	Bhong
057877	AA	3	1	.60	Bhook
057878	AA	3	2	1.10	Bhoom
057879	AA	3	Spacer	.50	Bhopa
057880	AB	2 3/4	1	.60	Bhopp
057881	AB	2 3/4	2	1.10	Bhorb
057882	AB	2 3/4	Spacer	.50	Bhork
057883	CC	2 1/2	1	.60	Bhorn
057884	CC	2 1/2	2	1.10	Bhors
057885	CC	2 1/2	Spacer	.50	Bhost

FOR ALL MAKES SHALLOW SWITCHES

Without Clamps

057886	CCS	2	1	.50	Bhouc
057887	CCS	2	2	.90	Bhous
057888	CCS	2	Spacer	.40	Bhowl

With Clamps

057889	CCS	2	1	.60	Bhoxa
057890	CCS	2	2	1.10	Bhoxe
057891	CCS	2	Spacer	.50	Bhoym

FOR RIGID IRON CONDUIT—1/2 OR 3/4-INCH

Without Clamps

057904	BB	3 1/2	1	.50	Dmga
057905	BB	3 1/2	2	.90	Dmge
057906	BB	3 1/2	Spacer	.40	Dmgi

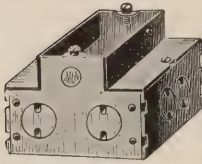
With Clamps

057892	BB	3 1/2	1	.60	Bhoyo
057893	BB	3 1/2	2	1.10	Bhpac
057894	BB	3 1/2	Spacer	.50	Bhpaj

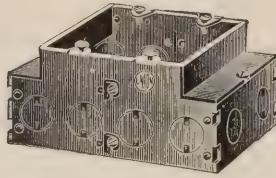
All Union sectional switch boxes are equipped with reversible and sliding ears.

Type C ears will be shipped unless otherwise ordered.

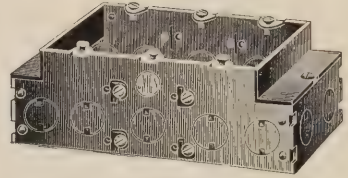
UNION SECTIONAL CONDUIT SWITCH BOXES



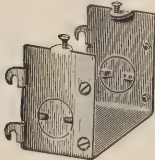
No. 155



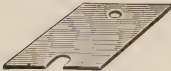
No. 160



No. 160 3 Gang Box



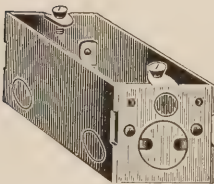
No. 160 Spacer



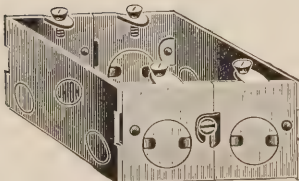
Single Plate Cover



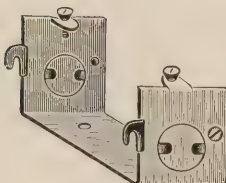
2 Gang Plate Cover



No. 170 Single



No. 170 Double



No. 170 Spacer

TYPES 155 AND 160

FOR RECTANGULAR BASE SWITCHES AND RECEPTACLES

Trade No.	Sectional Gang Boxes		No. of Gangs	Price Each
	Mfrs. No.	Depth Inches		
050833	155	2 1/2	1	\$0.34
050834	160	2 1/2	2	.60
050835	160A	2 1/2	Spacer	.26

No. 155

No. 155 is 4 inches long, 4 inches wide, 2 5/8 inches deep.

The only single complete switch box that has ample room in it for making splices, taps and junctions; either of the small top cover plates can be removed by loosening screws, permitting access to wires without disturbing switch.

Two conduit openings in each end, two in each side.

No. 160

No. 160 is 5 3/4 inches long, 4 inches wide, 2 5/8 inches deep.

No. 160 Spacer is 4 inches long, 1 1/8 ins. wide, 2 5/8 ins. deep. Enables you to meet the demands for any Gang Box by building up with spacers.

The hook eye construction permits of rapid assembling of any size gang desired by loosening screws and inserting spacers.

Made for 1/2-inch and 3/4-inch conduit only, having six holes in each end section; the spacers have but one outlet in each end and can be inserted without removing screws.

BLACK ENAMEL PLATES

050836	155S	...	1	.10
050837	160D	...	2	.12
050838	160T	...	3	.15

By equipping above boxes with flat steel covers you have an ideal junction box for single and double main line blocks, meeting every requirement of Underwriters.

TYPE 170

FOR ALL MAKES OF SHALLOW SWITCHES

	Without Ears			
050827	1 7/8	1		.20
050828	1 7/8	2		.38
050829	1 7/8	Spacer		.18
With Ears				
050830	1 7/8	1		.30
050831	1 7/8	2		.54

No. 170 spacer cannot be furnished with ears.

No. 170 is 4 inches long, 2 inches wide, 1 7/8 inches deep.

Made from stamped steel for thin partitions and outside wall work and is a combination loom and conduit box. End outlets are for 1/2-inch rigid conduit and two outlets on either side for 3/8-inch flexible conduit. Takes all standard makes of switches. This box can be built up from the single and 2 gang by the aid of spacers.

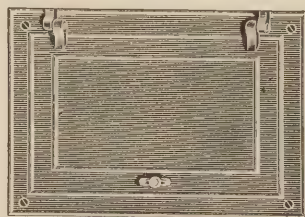
All boxes listed above can be furnished Sherardized at a slight additional cost.

BURNS CAST IRON BOXES

SQUARE AND RECTANGULAR, PULL, JUNCTION, SWITCH AND CUT-OUT BOXES



Cast Iron Box



Plain Metal Trim

Trade No. of Box	Mfrs. No.	INSIDE Wth.	DIM., Lth.	IN Dth.	Box		Sheet Cover		Cast Cover		Trim & Door	
					Price Each	Code Word	Price Each	Code Word	Price Each	Code Word	Price Each	Code Word
044689	100	1 5/8	2 3/4	1 5/8	\$0.18	Akant	\$0.06	Akben	\$0.06	Akobo	These prices are for plain door For glass in door add 65 per cent	
044690	105	2 5/8	3 1/2	1 1/4	.20	Akaob	.06	Akbet	.08	Akceda		
044691	110	3 1/2	3 1/2	1 1/4	.24	Akoag	.06	Akbex	.08	Akede		
044692	115	3	4	1 1/2	.25	Akaov	.06	Akbfa	.10	Akceg		
044693	120	3 1/8	4 1/8	2 1/2	.36	Akape	.08	Akbfe	.10	Akcep		
044694	129	4	4 1/2	3 1/2	.50	Akaph	.08	Akbgh	.10	Akcig		
044695	125	4	4 1/2	2 3/4	.40	Akapu	.08	Akbgi	.10	Akcik		
044696	130	4 1/4	5	2 1/2	.45	Akara	.10	Akbgo	.12	Akceo		
044697	132	1 3/4	5 5/8	2	.38	Akarf	.10	Akbha	.12	Akcki		
044698	135	4 1/2	5 1/2	2 5/8	.50	Akarg	.10	Akbib	.14	Akelo		
044699	138	3 3/8	5 3/8	2 3/8	.45	Akaru	.10	Akbif	.12	Akcme		
044700	140	4 1/4	6 1/2	2 3/4	.60	Akash	.12	Akbfi	.16	Akcob		
044701	145	4 1/4	8 3/4	2 3/4	.70	Akasu	.14	Akbix	.20	Akcol		
044702	150	4 1/4	10 3/4	2 3/4	.80	Akath	.16	Akbja	.22	Akcon		
044703	155	4 1/4	12	2 3/4	.90	Akats	.18	Akbka	.24	Akcpa		
044704	160	4 1/4	13 3/4	2 3/4	1.10	Akauc	.20	Akbke	.26	Aketa		
044705	165	4 1/4	15 1/2	2 3/4	1.30	Akaug	.22	Akble	.30	Akcun		
044706	170	5	6 1/2	3	.70	Akauk	.16	Akblu	.20	Akcus	0.70	Akdem
044707	175	6	6	4	1.20	Akaum	.22	Akbnu	.30	Akevu	....	....
044708	176	6	6	6	1.70	Akaur	.22	Akbob	.30	Akeyd	....	....
044709	178	6 1/2	6 1/2	2 1/4	.86	Akayg	.24	Akbok	.34	Akexp	....	....
044710	180	6 1/4	7	2 3/4	.90	Akayl	.24	Akbom	.34	Akdac	1.00	Akder
044711	182	4	9	3 1/2	.86	Akbac	.14	Akbor	.30	Akdad	....	....
044712	185	6	8	3	1.00	Akbab	.24	Akbbox	.40	Akdap	1.00	Akdex
044713	187	7 3/4	7 3/4	3	1.40	Akbaf	.24	Akbqu	.40	Akdar	....	....
044714	190	6	8	4	1.70	Akbap	.24	Akbuc	.40	Akdas	1.00	Akdfa
044715	192	6	9	4	2.00	Akbar	.30	Akbuk	.50	Akdbe	....	....
044716	200	6	12 1/2	4	2.10	Akbat	.38	Akbun	.50	Akdbi	1.20	Akdfe
044717	203	8 1/2	8 1/2	3 3/4	1.80	Akbba	.30	Akbus	.50	Akdbo	1.20	Akdfo
044718	205	8	10	4	2.20	Akbbk	.38	Akbyl	.60	Akdbu	....	....
044719	210	9	10	4	2.26	Akbbo	.40	Akbyr	.60	Akdca	1.50	Akdge
046314	215	10	12	4	2.50	Akbca	.50	Akbys	.70	Akdcu	1.70	Akdi b
046315	217	10	15	4	3.70	Akbcu	.50	Akbyv	.70	Akdca	2.30	Akdig
046316	220	12	12	4	2.70	Akbde	.50	Akca b	.70	Akdde	2.20	Akdik
046317	225	12	19	4	5.50	Akbdo	.70	Akcam	1.40	Akd do	3.40	Akdit
046318	232	12	16	8	7.50	Akbeb	.70	Akcat	1.40	Akddu	....	....
046319	235	12	24	12	17.00	Akbed	1.50	Akce b	4.50	Akdel	....	....

Tapped in corners to receive screws for holding covers. Sheet steel covers are plain. Cast iron covers have rim fitting down over box.

When fitted with our cast iron trims and doors these boxes make an ideal job for housing switches, cut-outs, small panels, etc., on flush work, where boxes are set into wall.

Over-lapping steel and brass covers for flush jobs, and extra heavy steel and cast iron covers for floor work at equitable prices.

Trims overlap box by 1 inch all around, covering plaster line.

A nominal charge is made for drilling boxes according to diagram furnished by purchaser.

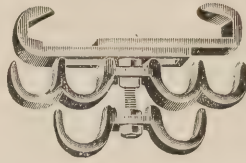
In order to avoid errors, customers will kindly designate on their drilling sketches whether conduit, tapped, diameter or bushed holes are wanted.

All holes will be drilled to slip conduit unless otherwise specified. No matter in what position box is to be placed, always make your sketch looking into box from open side. All holes will be drilled close back (allowing lock-nut room), unless otherwise directed.

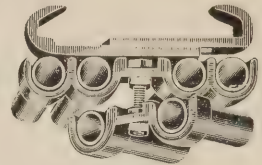
T & B CONDUIT HANGERS



Style A



Style B



Style B

ADJUSTABLE CONDUIT HANGERS

Capacity. Hangers, Inches	Std. Pkg.	Trade No.	Type A		Trade No.	Type B	
			Price per 100	Code Word		Price per 100	Code Word
1— $\frac{1}{2}$	100	053001	\$34.00	Azgnu	.....	.....	.....
1— $\frac{3}{4}$	100	053002	38.00	Azgof	.....	.....	.....
1—1	50	053003	44.00	Azgog	.....	.....	.....
1— $1\frac{1}{4}$	50	053004	48.00	Azgak	.....	.....	.....
1— $1\frac{1}{2}$	25	053005	52.00	Azgon	.....	.....	.....
2— $\frac{1}{2}$	100	053006	38.00	Azgov	053021	42.00	Azhac
2— $\frac{3}{4}$	100	053007	42.00	Azgru	053022	46.00	Azhaf
4— $\frac{1}{2}$	50	053008	46.00	Azgsu	053023	50.00	Azhaz
4— $\frac{3}{4}$	50	053009	50.00	Azgub	053024	54.00	Azhef
6— $\frac{1}{2}$	25	053010	54.00	Azguc	053025	58.00	Azhem
6— $\frac{3}{4}$	25	053011	62.00	Azguh	053026	66.00	Azhfu
8— $\frac{1}{2}$	25	053012	62.00	Azgup	053027	66.00	Aziba
8— $\frac{3}{4}$	25	053013	70.00	Azgur	053028	74.00	Azibs
2— $\frac{1}{2}$ and 2— $\frac{3}{4}$	25	053014	50.00	Azgvo	053029	54.00	Azibu
2— $\frac{1}{2}$ and 4— $\frac{3}{4}$	25	053015	58.00	Azgvu	053030	62.00	Azica
4— $\frac{1}{2}$ and 2— $\frac{3}{4}$	25	053016	58.00	Azgyb	053031	62.00	Azido
4— $\frac{1}{2}$ and 4— $\frac{3}{4}$	25	053017	66.00	Azgyg	053032	70.00	Azids
2—1	25	053018	48.00	Azgyk	053033	52.00	Azike
2— $1\frac{1}{4}$	25	053019	52.00	Azgyn	053034	56.00	Aziko
2— $1\frac{1}{2}$	25	053020	56.00	Azhab	053035	60.00	Aziks

Type A hangers are made of stamped steel; Type B are malleable iron.

Type A fit beams $2\frac{3}{4}$ to $7\frac{3}{8}$ inches; Type B fit beams 5 to $8\frac{3}{4}$ inches.

EXTRA HANGERS ONLY, INCLUDING BOLTS

Trade No.	Size Beam, Ins.	Std. Pkg.	Price per 100	Code Word	Trade No.	Size Beam, Ins.	Std. Pkg.	Price per 100	Code Word
053036	$2\frac{3}{4}$ — $7\frac{3}{8}$	100	\$30.00	Azilf	053037	5— $8\frac{3}{4}$	100	\$34.00	Azilk

SUPPORTS

For Type A Only

053038	1— $\frac{1}{2}$	100	8.00	Azilt	053041	1— $1\frac{1}{4}$	50	20.00	Azint
053039	1— $\frac{3}{4}$	100	10.00	Azimo	053042	1— $1\frac{1}{2}$	25	24.00	Azinu
053040	1—1	50	16.00	Azink					

For Types A and B

053044	2— $\frac{1}{2}$	100	12.00	Aziom	053048	2—1	25	20.00	Azirt
053045	4— $\frac{1}{2}$	100	18.00	Aziot	053049	2— $1\frac{1}{4}$	25	24.00	Azisp
053046	2— $\frac{3}{4}$	50	14.00	Azipu	053050	2— $1\frac{1}{2}$	25	28.00	Azita
053047	4— $\frac{3}{4}$	50	22.00	Azizg	053051	Special Bolts 100		5.00	Azith

BOX HANGERS

Trade No.	Size Drop Inches	Size Run Inches	Price per 100	Code Word
053052	$\frac{3}{8}$	$\frac{3}{8}$	\$3.50	Aziub
053053	$\frac{3}{8}$	$\frac{1}{2}$	4.50	Aziul
053054	$\frac{1}{2}$	$\frac{1}{2}$	5.50	Aziur
053055	$\frac{1}{2}$	$\frac{3}{4}$	6.50	Azixi



DROP NIPPLES

Trade No.	Length Inches	$\frac{3}{8}$ -inch I. P. Size		$\frac{1}{2}$ -inch I. P. Size	
		Price per 100	Code Word	Price per 100	Code Word
053056	6	\$11.00	Azjal	\$14.00	Azjyv
053057	8	12.00	Azjam	15.00	Azkak
053058	10	13.00	Azjas	18.00	Azkaf
053059	12	14.00	Azjax	20.00	Azksu
053060	14	16.00	Azjyf	22.00	Azkte
053061	16	18.00	Azjyk	24.00	Azkum
053062	18	20.00	Azjym	26.00	Azkup

GRABLER UNIVERSAL PIPE HANGERS



Style A



Style B



Style C



Style D

Trade No.	Size Inches	Price Each	Code Word	Trade No.	Size Inches	Price Each	Code Word
038357	1/2	\$0.23	Smga	038370	1/2	\$0.23	Smok
038358	3/4	.23	Smge	038371	3/4	.23	Smom
038359	1	.25	Smgo	038372	1	.24	Smon
038360	1 1/4	.27	Smha	038373	1 1/4	.25	Smow
038361	1 1/2	.31	Smiw	038374	1 1/2	.27	Smpt
038362	2	.33	Smja	038375	2	.31	Smru
038363	2 1/2	.35	Smki	038376	2 1/2	.33	Smte
038364	3	.43	Smko	038377	3	.35	Smts
038365	3 1/2	.47	Smks	038378	3 1/2	.43	Smub
038366	4	.51	Smle	038379	4	.47	Smuf
038367	4 1/2	.54	Smna	038380	4 1/2	.49	Smuh
038368	5	.57	Smni	038381	5	.51	Smuk
038369	6	.63	Smod	038382	6	.57	Smur
Style C				Style D			
038383	1/2	.39	Smvo	038396	1/2	.19	Snda
038384	3/4	.39	Smwi	038397	3/4	.19	Sneb
038385	1	.41	Smyk	038398	1	.21	Snel
038386	1 1/4	.43	Smyp	038399	1 1/4	.23	Snet
038387	1 1/2	.45	Smys	038400	1 1/2	.25	Snew
038388	2	.49	Snah	038401	2	.27	Snfi
038389	2 1/2	.53	Snaj	038402	2 1/2	.29	Snfo
038390	3	.55	Snak	038403	3	.31	Snft
038391	3 1/2	.59	Snap	038404	3 1/2	.35	Sngs
038392	4	.62	Snav	038405	4	.37	Sngu
038393	4 1/2	.64	Snaw	038406	4 1/2	.39	Snhe
038394	5	.66	Snbi	038407	5	.41	Snho
038395	6	.70	Snce	038408	6	.45	Snib

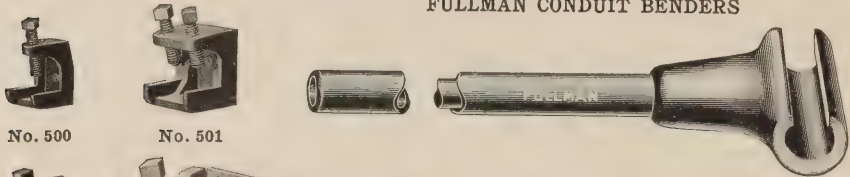
PARTS OF UNIVERSAL PIPE HANGERS

Extension Bars				Lag Screws with Bolt			
Trade No.	For Pipe Inches	Price per Foot	Code Word	Trade No.	For Pipe Inches	Price Each	Code Word
038409	1/2 to 1 1/2	\$0.08	Snif	038412	1/2 to 1 1/2	\$0.10	Sniv
038410	2 to 3	.09	Snil	038413	2 to 3	.12	Snja
038411	3 1/2 to 6	.10	Snis	038414	3 1/2 to 6	.14	Snje
Beam Plates with Bolt				Beam Clamps with Bolt			
Trade No.	Size, Inches	Price Each	Code Word	Trade No.	For Pipe Inches	Price Each	Code Word
038415	1/2 to 1 1/2	\$0.09	Snjo	038418	1/2 to 1 1/2	\$0.25	Snlo
038416	2 to 3	.11	Snka	038419	2 to 3	.30	Snlu
038417	3 1/2 to 6	.14	Snku	038420	3 1/2 to 6	.35	Snma

Style C is fitted with 1 beam clamp, adjustable from 1 to 6 in. Extra extension bars are furnished in 10 ft. lengths with holes 1/2 in. apart, 4 in. of bar allowed to each style hanger.

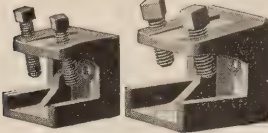
INSULATOR SUPPORTS AND CONDUIT FITTINGS

FULLMAN CONDUIT BENDERS



No. 500

No. 501

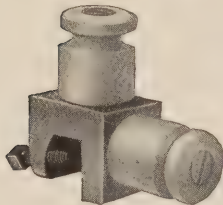


No. 502

No. 503

Trade No.	Mfrs No.	Size Inches	No. Degree	Price Each	Code Word
027047	900	1/2	90	\$3.20	Qila
027048	901	1/2	45	3.20	Qile
027049	902	3/4	90	4.30	Qjme
027050	903	3/4	45	4.30	Qjmo

UNIVERSAL INSULATOR SUPPORTS



No. 501

Trade No.	Mfrs. No.	Size Ins.	Insulator No.	Std. Pkg.	Price per 100	Code Word
012141	500	1	5, 5 1/2	200	\$20.00	Fjin
012142	501	1 1/2	10, 4, 4 1/2	100	34.00	Fjku
012143	502	2	1, 2, 3, 3W.G., 3 1/2, 24	50	46.00	Fjla
012144	503	2 1/2	25, 29, 34	25	68.00	Fjle

The Universal Insulator Supports are for use in fastening porcelain or glass insulators to steel beams.

MACHINE SCREWS AND BOLTS

For 1-Inch Supports

Trade No.	Mfrs. No.	Insulator No.	Length Ins.	Diam. No.	No. Threads per In.	Style Head	Price per 100	Code Word
012145	600	5	1 3/4	14	20	Flat	\$1.42	Qjas
012146	601	5 1/2	2	14	20	Flat	1.60	Qjax

For 1 1/2-Inch Supports

012148	602	4	2 1/4	18	18	Flat	2.26	Qjbi
012149	602	4 1/2	2 1/4	18	18	Flat	2.26	Qjcu

For 2-Inch Supports

012150	603	1	3 1/4	24	16	Flat	6.10	Qjea
012151	604	2	2 1/2	24	16	Round	4.00	Qjex
012152	605	3	2 1/4	24	16	Flat	3.48	Qjhu
012153	605	3WG	2 3/4	24	16	Flat	3.48	Qjik
012154	606	3 1/2	2 1/2	24	16	Flat	4.00	Qjil
012155	607	24	2 1/4	24	16	Round	3.48	Qjim

For 2 1/2-Inch Supports

Trade No.	Mfrs. No.	Insulators No.	Length Ins.	Diam. Ins.	No. Threads per In.	Style Head	Price per 100	Code Word
012156	608	25	2	1/2	13	Square	\$3.86	Qjin
012158	610	34	2 1/4	1/2	13	Square	4.12	Qjku
012158A	615	Special for Glass Insulators					10.00	Qjka

BEAM STRAPS

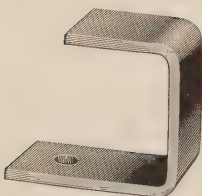
Trade No.	Mfrs. No.	Opening Inches	Std. Pkg.	Price per 100	Code Word
012159	700	1 1/2	100	\$5.25	Fjme

Beam Straps are for use in fastening wood blocks to steel I beams. Use 3/8-inch No. 12 wood screws.

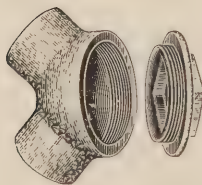
TYPE L BENDHICKS

Trade No.	Mfrs. No.	Size Conduit Inches	Unit Pkg.	Std. Pkg.	Price Each	Code Word
018935	L 1/2	1/2	10	100	\$0.60	Fjbi
018936	L 3/4	3/4	10	100	.70	Fjcu
018937	L1	1	8	48	.90	Fjea
018938	L1 1/4	1 1/4	6	24	1.20	Fjex
018939	L1 1/2	1 1/2	4	20	1.60	Fjhu
018940	L2	2	2	16	2.60	Fjik
018941	L2 1/2	2 1/2	1	4	6.00	Fjil
018942	L3	3	1	4	7.00	Fjim

With the Type L Bendhicks it is possible to make a bend in a very small space and still be able to pull in the wire without trouble.

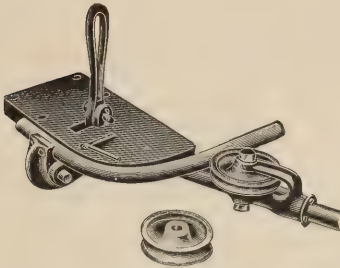


Beam Strap

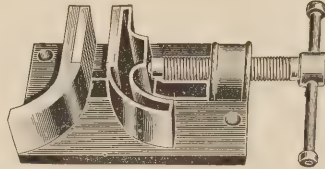


Type L Bendhicks

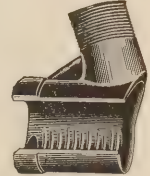
TOOLS



No. 020441



No. 020284



No. 020439

STANDARD CONDUIT ELBOW FORMERS

Trade No.	Price Each	Code Word
020441	For 1/2 and 3/4-in. pipe \$30.00	Iaka

This is a practical conduit elbow former, which forms standard shaped elbows perfectly and accurately, exactly where they are wanted. Saves time and also material by eliminating the waste of pipe.

DANDY PIPE VISES AND BENDERS

Trade No.	For pipe and conduit	Price Each	Code Word
020284		10.00	Blem

LAKIN HICKEYS

Trade No.	Size Pipe, Ins.	Std. Pkg.	Price Each	Code Word
020439	1/2	10	\$1.75	Iaja
020440	3/4	5	2.25	Iaje

Screw a piece of one-inch pipe in the other end of coupling. Never necessary to throw away the hickey even if the handle breaks, simply unscrew the coupling.

RITTENHOUSE CONDUIT BENDERS

Trade No.	Mfrs. No.	Price Each	Code Word
020433	1	Complete for 1/2-in. pipe \$2.75	Iaht
020434	1	Head only tapped for 1 1/4-in. handle 2.00	Iahu
020435	2	Complete for 3/4-in. pipe 3.00	Iaif
020436	2	Head only tapped for 1 1/4-in. handle 2.25	Iaik
020437	5A	Adjustable complete for 1/2 or 3/4-in. pipe 3.75	Iain
020438	5A	Adjustable head only for 1/2 or 3/4-in. pipe 3.00	Iaix



No. 018842



No. 018843

BUSHING AND LOCK-NUT WRENCHES

Trade No.	Price Each	Code Word
018842	1/2 inch \$0.20	Bife

These wrenches are made for convenience in handling bushings and locknuts.

BURRING REAMERS

With Bit-Brace Shank

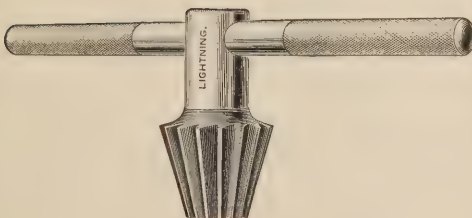
Trade No.	Diam., Inches At Point	Length of Fluting, Inches	Price Each	Code Word
018843	3/16	1 1/16	\$1.00	Blga
018844	7/16	1 1/4	1.25	Blgo
018845	1 3/16	2 1/8	3.50	Blgu

With 1/4-inch Round Shank

Trade No.	Diam., Inches At Point	Length of Fluting, Inches	Price Each	Code Word
018846	7/16	1 1/4	1.25	Blho
018847	1 3/16	2 1/8	3.50	Blin

With Cross Handle

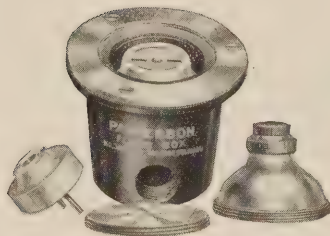
Trade No.	Diam., Inches At Point	Length of Fluting, Inches	Price Each	Code Word
018848	7/16	1 1/4	1.50	Blji
018849	1 3/16	2 1/8	3.50	Bljo



No. 018848

PATTERSON NON-ADJUSTABLE FLOOR BOXES

NATIONAL CODE STANDARD



Nos. 3000 and 3000A
10 Amp., 250 Volts



Nos. 3000B and 3000AB
With Blank Bronze Plate



Nos. 3000BN and 3000ABN
With Double Outlet Nozzle

Nos. 3000 AND 3000A—DOME FITTINGS AND FLUSH DISCS

Trade No.	Mfrs. No.	Diam. Ins. Bronze Plate	Depth Ins. Over All	Std. Pkg.	Wt. Lbs. Std. Pkg.	Price Each
021481	3000	3 $\frac{11}{16}$	3 $\frac{3}{8}$	50	180	\$4.00
021482	3000A	4 $\frac{1}{16}$	3 $\frac{3}{8}$	50	190	4.50

Furnished complete with receptacle and plug. 10 amperes, 250 volts.

Nos. 3000B AND 3000AB—BLANK BRONZE PLATES

021483	3000B	3 $\frac{11}{16}$	3 $\frac{3}{8}$	50	165	3.00
021484	3000AB	4 $\frac{1}{16}$	3 $\frac{3}{8}$	50	175	3.50

Have no receptacles or plugs.

Nos. 3000BN AND 3000ABN—DOUBLE OUTLET NOZZLE

021485	3000BN	3 $\frac{11}{16}$	3 $\frac{3}{8}$	50	170	4.00
021486	3000ABN	4 $\frac{1}{16}$	3 $\frac{3}{8}$	50	180	4.50

Have no receptacles or plugs.

Patterson Floor Boxes listed above are designed for wood floor work and for work where it is unnecessary to have the plates of the box adjustable.

Nos. 3000 and 3000A are for receptacle and plug work.

Nos. 3000B and 3000AB are with blank bronze plates.

Nos. 3000BN and 3000ABN are with double outlet nozzles.

Boxes with letter "A" in the model number differ from those without, only in the size of the plate, which is in the "A" box $\frac{3}{8}$ -inch larger diameter—easier to cut in because of flange extending over edge of box.

All Patterson Floor Boxes shown on this page are double gasketed throughout, thoroughly waterproof; all parts except floor box itself are heavy cast bronze; the box itself is galvanized iron.

In Nos. 3000 and 3000A standard 10 ampere receptacles are provided with brass covered plugs. With other floor boxes on this page, no receptacles or plugs are furnished.

Iron floor boxes are regularly drilled and tapped for four $\frac{1}{2}$ -inch conduit entrances, two in sides and two in bottom, adapting them to flexible or rigid conduit work without extra drilling. They will be furnished when specially ordered with any arrangement of conduit entrances. Removable plugs are furnished closing all but one outlet.

Cardboard shims are furnished with each box and with these shims bronze plate can be easily brought flush with the floor without taking extreme care in cutting; the setting of a Patterson Floor Box is thus made quicker and easier than any floor box on the market.

Receptacles may be removed from box for easy wiring by simply loosening two screws.

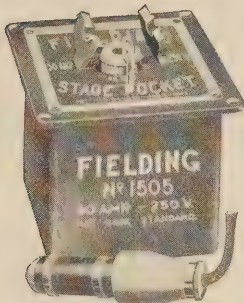
Rubber gasket fits into "under-cut" of bronze plate, so that it does not easily fall out.

Hard rubber bushing in dome cap is sunk flush, overcoming entirely the annoyance of breakage, so universally experienced in other floor boxes.

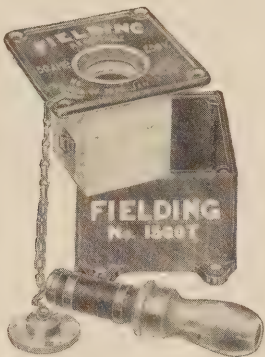
All Patterson Floor Boxes may be set with an expansion bit, guaranteeing rapid work.

FIELDING RECEPTACLES AND PLUGS

NATIONAL CODE STANDARD



No. 1505



No. 1500T

SECTIONAL MICA STAGE POCKETS

50 Amperes, 250 Volts

Fielding Receptacle Plugs are made of dry mica discs, without shellac or other similar substances, threaded on a steel mandrel, placed under heavy pressure and then turned down with a diamond tool. Polarity cannot be reversed, yet by parallel-band construction, a round and quickly entered plug is retained; rated at 50 amperes, but will not heat at 200 amperes; waterproof, fireproof, absolutely indestructible. Aluminum plug handle has bronze locking collar, firmly gripping by a rubber gasket the surface of cable, no knot necessary to tie, but positively secured against any strain coming on the terminal connections. Duplex closing covers operated by a patented device, giving independent control of the covers, make quick plugging possible with no danger of mashing the fingers from entering plug. Simple lifting of the ring inside of plate raises both covers—letting go, gravity drops them flush with the floor.

		Flush Floor Type	Size Plate Inches	Depth Inches	Price Each
Trade No.	Mfrs. No.				
012459	1505	Stage pocket and plug complete.....	9x9	8 1/4	\$30.00
012460	1505G2	Two gang pocket with two plugs	13x9	8 1/4	60.00
012461	1505GR2	Two gang pocket only, no plugs	13x9	8 1/4	30.00
012462	1505P	Plug only with handle and locking collar		7 1/2	15.00
012463	1505R	Pocket only	9x9	8 1/4	15.00

Two gang only 4 inches wider than one gang.

SIDE WALL RECEPTACLES AND PLUGS

50 Amperes, 250 Volts

Fielding Receptacles Nos. 1500T and 1500B are designed for work where the receptacle is to be attached to side wall or iron column, switchboard panel, etc. They have all the points of superiority noted above in detail, and have been adopted as a standard by many railroads for storage battery charging panels. They are also used on garage switchboards of up-to-date design. Furnished with brass plate in place of heavy iron plate if desired. Size of brass plate can be as low as 5 1/2 inches square. Depth from surface of plate to back of porcelain 4 3/4 inches.

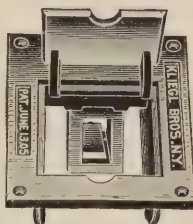
		Wall Type	DIMENSIONS				Price
Trade No.	Mfrs. No.		Conduit Enters From	Length	Width	Depth	Each
012464	1500T	Receptacle complete	Top	6 $\frac{3}{4}$	6 $\frac{3}{4}$	5 $\frac{1}{2}$	\$25.00
012465	1500B	Receptacle complete	Bottom	6 $\frac{3}{4}$	6 $\frac{3}{4}$	5 $\frac{1}{2}$	25.00
012466	1500TR	Receptacle only	Top	6 $\frac{3}{4}$	6 $\frac{3}{4}$	5 $\frac{1}{2}$	12.50
012467	1500BR	Receptacle only	Bottom	6 $\frac{3}{4}$	6 $\frac{3}{4}$	5 $\frac{1}{2}$	12.50
012468	1500P	Plug only, aluminum handle		9 $\frac{1}{2}$	2 $\frac{1}{2}$	...	12.50

Prices for gang receptacles in proportion.

STAGE POCKETS AND PLUGS



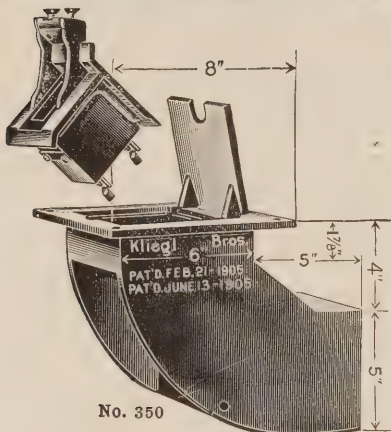
No. 365



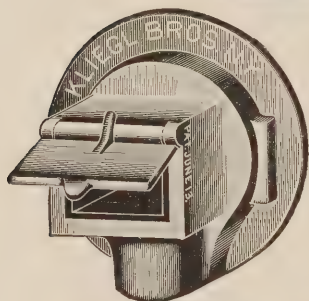
No. 350



No. 310



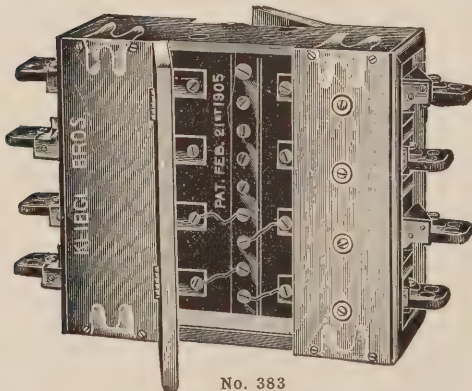
No. 350



No. 305



No. 301



No. 383

STAGE POCKETS

Trade No.	Mfrs. No.	No. Sections	Price Each	Code Word
038651	350	1	\$10.00	Wjme
038652	355	2	20.00	Wjmo
038653	360	3	30.00	Wjno
038654	365	4	40.00	Wjof
038655	301 Extra Plug		2.00	Wjoh

No. 355 is a double flush pocket and plug. It consists of two receptacles of 50 amperes each, and arranged one for arc lights and one for bunch lights. The plug and receptacles are provided with grooves, so that arc pocket plug will not fit incandescent pocket, or vice versa. In this case the bunch lights can be fused lighter.

The 3 and 4 section pockets are generally used for bunch light circuits of the various colors.

FLUSH WALL POCKETS

038656	310	1	10.00	Wjra
038657	311	2	20.00	Wjte
038658	301 Extra Plug		2.00	Wjtu
038659	310A Lock and Key			

per Pocket extra 1.00 Wjuc

Designed for Schools, Lecture Rooms, Hospitals, Institutions, Theatre Balconies, etc., or wherever a locked outlet box is needed. Protected by a dust-proof door, with lock and key.

AUTOMOBILE CHARGING POCKETS

038660	305	1	10.00	Wjuk
038661	301 Extra Plug		2.00	Wjls

Attached to the wall by rear plates.

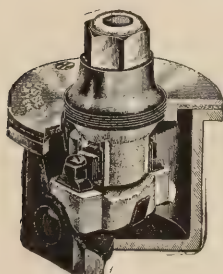
PORTABLE STAGE POCKETS

		25 Amperes, 125 Volts		
038662	380	2	8.00	Wjok
038663	381	4	16.00	Wjow
038664	382	6	24.00	Wjpo
038665	383	8	32.00	Wjyf
038666	384	10	40.00	Wjyk
038667	385	12	48.00	Wjym
038668	388 Extra Plug		1.50	Wjyv

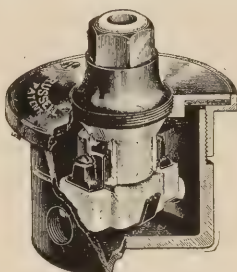
		50 Amperes, 125 Volts		
038669	390	2	9.00	Wkac
038670	391	4	18.00	Wkaf
038671	392	6	27.00	Wkal
038672	393	8	36.00	Wkam
038673	394	10	45.00	Wtla
038674	395	12	54.00	Wtna
038675	301 Extra Plug		2.00	Wtod

Lined with asbestos, there can be no short circuit in the spider pocket, as the polarities are separated by slate, carrying the busbars and fuses on either side. They are absolutely fireproof.

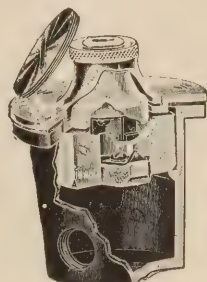
WATER TIGHT FLOOR RECEPTACLES



No. 5



No. 5A



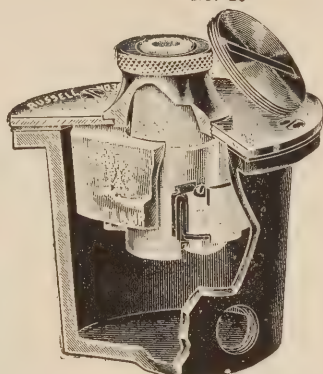
No. 40



No. 466



No. 560



No. 30

WATERTIGHT FLOOR RECEPTACLES

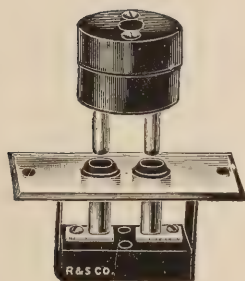
Trade No.	Mrs. No.		Price Each	Code Word
064224	5	Complete 10 amp.	\$4.00	Ashot
064225	5A	Adjustable 10 amp.	5.50	Ashta
064226	5P	Plug only 10 amp.	.30	Ashuc
064227	40	Complete 10 amp.	2.50	Ashum
064228	40P	Plug only	.25	Ashup
064229	30	Complete 25 amp.	7.00	Ashyk
064230	30A	Adjustable 25 amp.	8.50	Ashyl
064231	30P	Plug only	1.00	Ashym

FLOOR BOXES

064232	466	Plain, with brass cover and flush cap	2.00	Ashyp
064233	560	Standpipes with W. T. gland or composition bushings	....	Asiad
Price according to size and length				

RECEPTACLES AND PLUGS

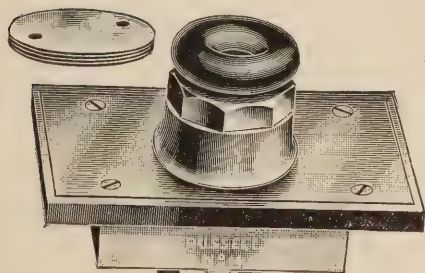
064234	80	25 amp. receptacle and plug to fit standard receptacle box	5.00	Asiak
064235	80P	Plug only	2.20	Asiba
064236	75	50 amp. receptacle and plug with cover to fit standard 4-in. square knock out box, extra heavy	7.00	Asibs
064237	75P	Plug only	2.50	Asibu
064238	14F	Complete 50 amp.	15.00	Asica
064239	14FP	Plug only	3.00	Asido
064240	14FF	Complete 75 amp.	20.00	Asids
064241	14FFP	Plug only	5.00	Asifa



No. 80

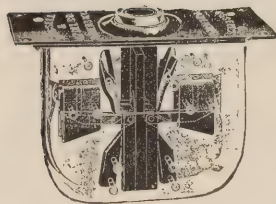


No. 14

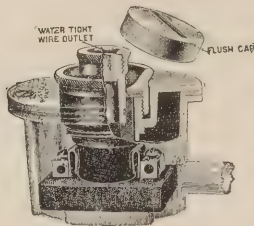


Nos. 14F, 14FF

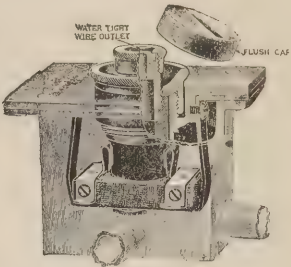
RECEPTACLES AND PLUGS



No. 1



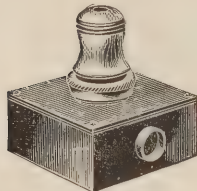
No. 3



No. 2



No. 455



No. 485



No. 457



No. 457

QUICK BREAK STAGE POCKETS AND PLUGS

Trade No.	Mfrs. No.		Cap. Amps.	Price Each	Code Word
018851	1	Heavy Porcelain body	50	\$14.00	Ffce

Absolutely proof against trouble from foreign matter getting in the plug hole, as live terminals are well away from the throat. Plug contacts reach out to pocket terminals.

WATERPROOF FLOOR RECEPTACLES AND PLUGS

018852	3	Small round box	10	5.00	Ffcu
018853	2	Round box complete	10	5.50	Ffda
018854	2	Square box complete	10	5.50	Ffde
018854A	..	Plug for Nos. 2 or 3	..	1.50	Ffeb

Stand pipe readily attached to plug. Box easy to install. Plug goes in only one way, maintaining polarity.

WORKING RECEPTACLES

018855	455	Flap door iron box receptacle and push-in plug	10	2.50	Ffek
018856	...	Push-in plug only	10	1.00	Ffel

IRON BOX RECEPTACLES AND PLUGS

018857	485	Complete	75	17.00	Ffge
018858	...	Complete	200	20.00	Ffgo

For 1, 1¼ or 1½ inch conduit.

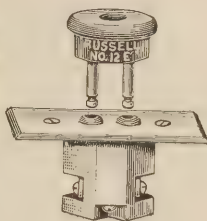
ENCLOSED FUSE PLUGS

018930	457	For special receptacle	20	2.00	Ffem
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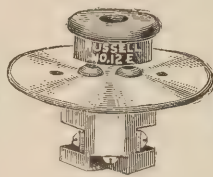
RECEPTACLES AND PLUGS



No. 13



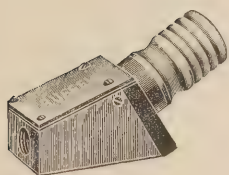
No. 12A



No. 12



No. 12C



No. 456



No. 487



No. 457



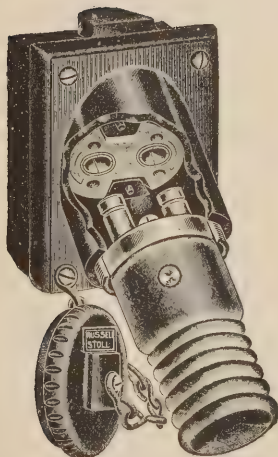
No. 19



No. 12B



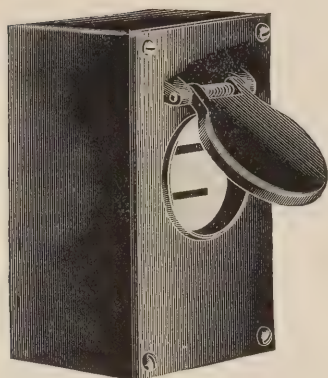
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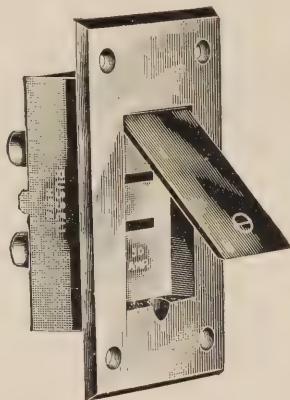
No. 70

Trade No.	Mfrs. No.		Price Each	Code Word
064242	13	Stage pocket 50 amp. with non-reversible plug single	\$10.00	Asgyn
064243	13D	Same two gang	18.00	Ashab
064244	13T	Same three gang	25.00	Ashac
064245	13P	Plug only	2.50	Ashaf
064246	12	10 amp. spring jack recep. and plug for 4-inch round box	1.60	Ashas
064247	12A	10 amp. spring jack recep. for standard receptacle box	1.60	Ashef
064248	12B	10 amp. spring jack recep. with brass cover on 3-inch iron box	2.00	Ashem
064249	12C	10 amp. spring jack recep. in 3-inch iron box with flap door cover complete	3.00	Ashfu
064250	12E	Heavy composition plug only for any of the type 12 receps.	.60	Ashgi
064251	456	10 amp. heavy iron box brewery receptacle and plug	5.50	Ashia
064252	456B	Same in brass box	6.00	Ashit
064253	456P	Plug only	1.50	Ashiv
064254	490	10 amp. heavy iron box spring jack receptacle and plug	6.25	Ashja
064255	490P	Plug only	1.50	Ashjo
064256	487	20 amp. flap door iron box recept. and cartridge fused plug, complete	3.50	Ashke
064257	457	Plug only, no fuses	2.00	Ashlo
064258	488	Same as No. 487 but three wire	8.50	Ashma
064259	488P	Plug only	6.00	Ashmo
064260	70	50 amp. extra heavy dock receptacle and plug with water tight cap, when not in use	14.00	Ashne
064261	70P	Plug only	3.50	Ashns
064262	19	Iron junction box lamp recept. 2 3/4-inch diameter for 1/2-inch conduit, two way complete	.80	Ashob
064263	19T	Same three way	.90	Ashok
064264	19R	Receptacle only for same (not illustrated)	.20	Ashon

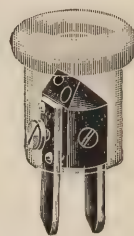
MARINE RECEPTACLES AND PLUGS



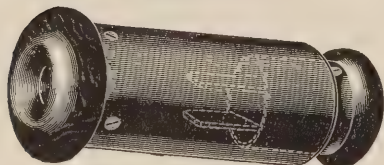
No. 14T



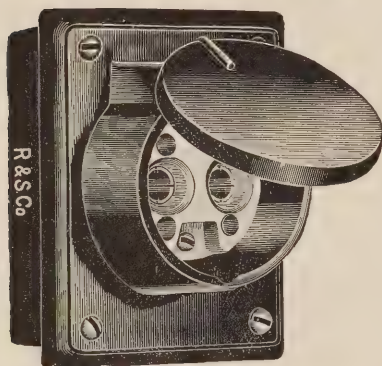
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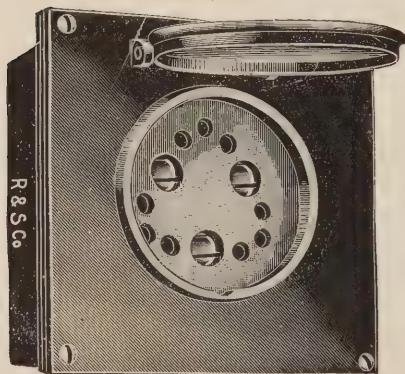
No. 14P



No. 14C



Nos. 71, 72



No. 85

RECEPTACLES AND PLUGS

Trade No.	Mfrs. No.	Amperes	Price Each	Code Word
064265	14T	50	\$10.00	Asifo

Wall receptacle and plug in iron box with flap door cover.

064266	14TT	Same two gang.	17.00	Asift
064267	14	50	13.00	Asige

Flush wall receptacle and plug with bevelled brass plate and door and iron box complete.

064268	14L	Same with lock.	14.00	Asigh
064269	14P	Plug for all the above.	3.00	Asign

064270	14C	50	10.50	Asike
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Cable connector, non-reversible and especially adapted for battery charging, and lengthening of cables for portable motor driven tools or machinery, complete.

The above fittings are extensively used for school, stage, lecture room, and stereopticon work.

064271	71	50	12.00	Asiko
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Wall receptacle in iron box with flap door cover and non-reversible plug.

064272	71P	Plug only.	2.50	Asiks
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064273	72	50	13.00	Asilf
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Wall receptacles in iron box with flap door cover and non-reversible and non-short-circuiting plug for battery charging.





064274	72P	Plug only.	3.50	Asilk
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064275	85	50	21.00	Asilt
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Three wire receptacle and plug in iron box with flap door cover, especially adapted for three wire A. C. work.

064276	85P	Plug only.	4.50	Asimo
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CONDULET CASTINGS, WITHOUT COVERS

	Trade No.	Mfrs. No.	Size In.	Std. Pkg.	Unit Pkg.	Wt., Lbs. Std. Pkg.	Price Each
 Type A	081485	A1	1½	200	10	130	\$0.24
	081486	A2	¾	100	5	95	.31
	081487	A3	1	50	5	80	.43
	081488	A4	1¼	20	1	60	.62
	081489	A5	1½	10	1	40	.80
	081490	A6	2	5	1	30	1.66
	081491	A7	2½	5	1	50	4.95
	081492	A8	3	5	1	55	5.45
	081493	A9	3½	5	1	65	10.40
	081494	A10	4	5	1	70	11.70
 Type B	081495	B1	1½	200	10	140	.29
	081496	B2	¾	100	5	100	.36
	081497	B3	1	50	5	80	.50
	081498	B4	1¼	20	1	65	.80
	081499	B5	1½	10	1	40	1.04
	081500	B6	2	5	1	30	2.14
	081501	B7	2½	5	1	50	5.35
	081502	B8	3	5	1	60	5.85
	081503	B9	3½	5	1	65	11.35
	081504	B10	4	5	1	70	12.70
 Type C	081505	C1	1½	200	10	165	.36
	081506	C2	¾	100	5	120	.41
	081507	C3	1	50	5	90	.59
	081508	C4	1¼	20	1	75	.94
	081509	C5	1½	10	1	45	1.22
	081510	C6	2	5	1	35	2.43
	081511	C7	2½	5	1	65	6.25
	081512	C8	3	5	1	70	7.40
	081513	C9	3½	5	1	80	16.70
	081514	C10	4	5	1	90	18.30
 Type D	081515	D1	1½	200	10	155	.34
	081516	D2	¾	100	5	115	.41
	081517	D3	1	50	5	85	.57
	081518	D4	1¼	20	1	70	.94
	081519	D5	1½	10	1	45	1.22
	081520	D6	2	5	1	35	2.43
	081521	D7	2½	5	1	65	6.25
	081522	D8	3	5	1	70	7.40
	081523	D9	3½	5	1	80	16.70
	081524	D10	4	5	1	90	18.30
 Type E	081525	E1	1½	200	10	140	.29
	081526	E2	¾	100	5	110	.35
	081527	E3	1	50	5	80	.50
	081528	E4	1¼	20	1	60	.80
	081529	E5	1½	10	1	40	1.04
	081530	E6	2	5	1	35	2.14
	081531	E7	2½	5	1	55	5.35
	081532	E8	3	5	1	60	5.85
	081533	E9	3½	5	1	65	11.35
	081534	E10	4	5	1	70	12.70
 Type U	081535	U11	1½	100	10	100	.52
	081536	U22	¾	50	5	80	.57
	081537	U33	1	40	5	80	.85
	081538	U44	1¼	20	1	75	1.19
	081539	U55	1½	10	1	45	1.52
	081540	U66	2	5	1	40	2.90
	081541	U77	2½	5	1	70	7.10
	081542	U88	3	5	1	75	8.10
	081543	U99	3½	5	1	90	18.60
	081544	U1010	4	5	1	100	20.60

Above prices do not include covers. Prices of eighteen different styles of covers will be found on one of the following pages.

Covers of the same size for above condulet castings, are interchangeable.

CONDULET CASTINGS, WITHOUT COVERS



Type LB

Trade No.	Mfrs. No.	*TYPE LB		Unit Pkg.	Wt., Lbs.	Price Each
		Size In.	Std.* Pkg.			
081427	L11B	1 1/2	200	10	175	\$0.40
081428	L22B	3/4	100	5	120	.45
081429	L33B	1	50	5	90	.65
081430	L44B	1 1/4	20	1	75	1.04
081431	L55B	1 1/2	10	1	45	1.37
081432	L66B	2	5	1	35	2.65
081433	L77B	2 1/2	5	1	60	6.55
081434	L88B	3	5	1	70	7.70
081435	L99B	3 1/2	5	1	80	17.10
081436	L1010B	4	5	1	90	19.10



Type LF

Trade No.	Mfrs. No.	*TYPE LF		Unit Pkg.	Wt., Lbs.	Price Each
		Size In.	Std.* Pkg.			
081437	L11F	1 1/2	200	10	175	.40
081438	L22F	3/4	100	5	120	.45
081439	L33F	1	50	5	90	.65
081440	L44F	1 1/4	20	1	75	1.04
081441	L55F	1 1/2	10	1	45	1.37
081442	L66F	2	5	1	35	2.65
081443	L77F	2 1/2	5	1	60	6.55
081444	L88F	3	5	1	70	7.70
081445	L99F	3 1/2	5	1	80	17.10
081446	L1010F	4	5	1	90	19.10



Type LL

Trade No.	Mfrs. No.	*TYPE LL		Unit Pkg.	Wt., Lbs.	Price Each
		Size In.	Std.* Pkg.			
081447	L11L	1 1/2	200	10	175	.40
081448	L22L	3/4	100	5	120	.45
081449	L33L	1	50	5	90	.65
081450	L44L	1 1/4	20	1	75	1.04
081451	L55L	1 1/2	10	1	45	1.37
081452	L66L	2	5	1	35	2.65
081453	L77L	2 1/2	5	1	60	6.55
081454	L88L	3	5	1	70	7.70
081455	L99L	3 1/2	5	1	80	17.10
081456	L1010L	4	5	1	90	19.10



Type LR

Trade No.	Mfrs. No.	*TYPE LR		Unit Pkg.	Wt., Lbs.	Price Each
		Size In.	Std.* Pkg.			
081457	L11R	1 1/2	200	10	175	.40
081458	L22R	3/4	100	5	120	.45
081459	L33R	1	50	5	90	.65
081460	L44R	1 1/4	20	1	75	1.04
081461	L55R	1 1/2	10	1	45	1.37
081462	L66R	2	5	1	35	2.65
081463	L77R	2 1/2	5	1	60	6.55
081464	L88R	3	5	1	70	7.70
081465	L99R	3 1/2	5	1	80	17.10
081466	L1010R	4	5	1	90	19.10



Type TR

Trade No.	Mfrs. No.	*TYPE TR			Unit Pkg.	Wt., Lbs.	Price Each
		Size A	Size B	Size C			
081467	T111R	1 1/2	1 1/2	1 1/2	100	10	95 \$0.48
081468	T121R	1 1/2	3/4	1 1/2	100	5	100 .56
081469	T131R	1 1/2	1	1 1/2	100	5	105 .63
081470	T212R	3/4	1 1/2	3/4	50	5	115 .57
081471	T222R	3/4	3/4	3/4	50	5	125 .57
081472	T232R	3/4	1	3/4	50	5	135 .65
081473	T313R	1	1 1/2	1	40	5	100 .80
081474	T323R	1	3/4	1	40	5	100 .80
081475	T333R	1	1	1	40	5	100 .80



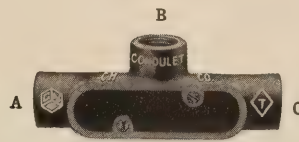
Type TL

Trade No.	Mfrs. No.	*TYPE TL			Unit Pkg.	Wt., Lbs.	Price Each
		Size A	Size B	Size C			
081476	T111L	1 1/2	1 1/2	1 1/2	100	10	95 .48
081477	T121L	1 1/2	3/4	1 1/2	100	5	100 .56
081478	T131L	1 1/2	1	1 1/2	100	5	105 .63
081479	T212L	3/4	1 1/2	3/4	50	5	115 .57
081480	T222L	3/4	3/4	3/4	50	5	125 .57
081481	T232L	3/4	1	3/4	50	5	135 .65
081482	T313L	1	1 1/2	1	40	5	100 .80
081483	T323L	1	3/4	1	40	5	100 .80
081484	T333L	1	1	1	40	5	100 .80

*Types LB, LF, LL, and LR conduit castings of the same size may be assorted to make up a standard package. †Types TL and TR conduit castings of the same size may be assorted to make up a standard package. Any assortment of 300 Types TL and TR conduit castings with 1/2, 3/4 and 1-inch mains entitles purchaser to standard package discount. Above prices do not include covers. Prices of covers will be found on one of the following pages.

CONDULET CASTINGS, WITHOUT COVERS

*TYPE T



Three-Way Fitting Takes Any of Eighteen Styles of Covers

Trade No.	Mfrs. No.	SIZE, INCHES			Std.* Pkg.	Unit Pkg.	Wt., Lbs. Std. Pkg.	Price Each
081384	T111	1/2	1/2	1/2	150	10	175	\$0.48
081385	T121	1/2	3/4	1/2	100	5	120	.56
081386	T131	1/2	1	1/2	100	5	90	.63
081387	T212	3/4	1/2	3/4	75	5	75	.57
081388	T222	3/4	3/4	3/4	75	5	45	.57
081389	T232	3/4	1	3/4	50	5	35	.65
081390	T242	3/4	1 1/4	3/4	50	1	60	.77
081391	T313	1	1/2	1	50	5	95	.80
081392	T323	1	3/4	1	50	5	100	.80
081393	T333	1	1	1	50	5	105	.80
081394	T343	1	1 1/4	1	50	1	115	.97
081395	T353	1	1 1/2	1	50	1	125	1.15
081396	T363	1	2	1	50	1	135	1.45
081397	T414	1 1/4	1/2	1 1/4	20	1	70	1.22
081398	T424	1 1/4	3/4	1 1/4	20	1	75	1.22
081399	T434	1 1/4	1	1 1/4	20	1	80	1.22
081400	T444	1 1/4	1 1/4	1 1/4	20	1	85	1.22
081401	T454	1 1/4	1 1/2	1 1/4	20	1	90	1.50
081402	T464	1 1/4	2	1 1/4	20	1	95	1.96
081403	T515	1 1/2	1/2	1 1/2	10	1	45	1.69
081404	T525	1 1/2	3/4	1 1/2	10	1	45	1.69
081405	T535	1 1/2	1	1 1/2	10	1	50	1.69
081406	T545	1 1/2	1 1/4	1 1/2	10	1	50	1.69
081407	T555	1 1/2	1 1/2	1 1/2	10	1	50	1.69
081408	T565	1 1/2	2	1 1/2	5	1	55	2.52
081409	T616	2	1 1/2	2	5	1	95	2.55
081410	T626	2	3/4	2	5	1	100	2.55
081411	T636	2	1	2	5	1	105	2.55
081412	T646	2	1 1/4	2	5	1	115	2.55
081413	T656	2	1 1/2	2	5	1	125	2.55
081414	T666	2	2	2	5	1	135	2.55
081415	T757	2 1/2	1 1/2	2 1/2	5	1	95	7.45
081416	T767	2 1/2	2	2 1/2	5	1	100	7.45
081417	T777	2 1/2	2 1/2	2 1/2	5	1	105	7.45
081418	T868	3	2	3	5	1	115	8.15
081419	T878	3	2 1/2	3	5	1	125	8.15
081420	T888	3	3	3	5	1	135	8.15
081421	T979	3 1/2	2 1/2	3 1/2	5	1	145	22.60
081422	T989	3 1/2	3	3 1/2	5	1	145	22.60
081423	T999	3 1/2	3 1/2	3 1/2	5	1	150	22.60
081424	T108	4	3	4	5	1	150	24.60
081425	T109	4	3 1/2	4	5	1	150	24.60
081426	T1010	4	4	4	5	1	155	24.60

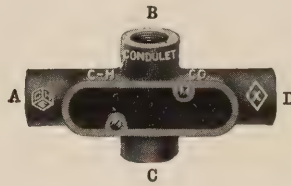
Above prices do not include covers. Prices of covers will be found on one of the following pages.

Covers of the same size for Type T condulet castings, of which covers there are eighteen styles, are interchangeable.

*Any assortment of 250 Type T condulet castings with 1/2-inch mains; of 200 with 3/4-inch mains; of 150 with 1-inch mains; of 75 with 1 1/4-inch mains; of 30 with 1 1/2-inch mains; of 15 with 2-inch mains; of 15 with 2 1/2 and 3-inch mains, or of 15 with 3 1/2 and 4-inch mains, entitles purchaser to standard package discount.

CONDULET CASTINGS, WITHOUT COVERS

*TYPE X



Four-Way Fitting Takes Any of Eighteen Styles of Covers

Trade No.	Mfrs. No.	SIZE, INCHES				Std *	Unit	Wt., Lbs.	Price
		A	B	C	D	Pkg.	Pkg.	Std. Pkg.	Each
081545	X1111	1/2	1/2	1/2	1/2	150	10	95	\$ 0.60
081546	X2111	3/4	1/2	1/2	1/2	75	5	100	.77
081547	X2112	3/4	1/2	1/2	3/4	75	5	105	.77
081548	X2222	3/4	3/4	3/4	3/4	75	5	125	.77
081549	X3112	1	1/2	1/2	3/4	50	5	60	1.05
081550	X3222	1	3/4	3/4	3/4	50	5	65	1.05
081551	X3113	1	1/2	1/2	1	50	5	80	1.05
081552	X3223	1	3/4	3/4	1	50	5	90	1.05
081553	X3333	1	1	1	1	50	5	120	1.05
081554	X4113	1 1/4	1/2	1/2	1	20	1	75	1.24
081555	X4222	1 1/4	3/4	3/4	3/4	20	1	80	1.24
081556	X4223	1 1/4	3/4	3/4	1	20	1	85	1.24
081557	X4333	1 1/4	1	1	1	20	1	90	1.24
081558	X4114	1 1/4	1/2	1/2	1 1/4	20	1	85	1.24
081559	X4224	1 1/4	3/4	3/4	1 1/4	20	1	90	1.24
081560	X4444	1 1/4	1 1/4	1 1/4	1 1/4	20	1	95	1.24
081561	X5114	1 1/2	1/2	1/2	1 1/4	10	1	40	1.78
081562	X5224	1 1/2	3/4	3/4	1 1/4	10	1	45	1.78
081563	X5225	1 1/2	3/4	3/4	1 1/2	10	1	50	1.78
081564	X5333	1 1/2	1	1	1	10	1	50	1.78
081565	X5334	1 1/2	1	1	1 1/4	10	1	55	1.78
081566	X5335	1 1/2	1	1	1 1/2	10	1	55	1.78
081567	X5555	1 1/2	1 1/2	1 1/2	1 1/2	10	1	60	1.78
081568	X6115	2	1/2	1/2	1 1/2	5	1	35	2.85
081569	X6225	2	3/4	3/4	1 1/2	5	1	35	2.85
081570	X6335	2	1	1	1 1/2	5	1	40	2.85
081571	X6336	2	1	1	2	5	1	40	2.85
081572	X6666	2	2	2	2	5	1	45	2.85
081573	X7335	2 1/2	1	1	1 1/2	5	1	70	8.95
081574	X7555	2 1/2	1 1/2	1 1/2	1 1/2	5	1	75	8.95
081575	X7557	2 1/2	1 1/2	1 1/2	2 1/2	5	1	75	8.95
081576	X7777	2 1/2	2 1/2	2 1/2	2 1/2	5	1	80	8.95
081577	X8556	3	1 1/2	1 1/2	2	5	1	80	9.95
081578	X8667	3	2	2	2 1/2	5	1	85	9.95
081579	X8888	3	3	3	3	5	1	90	9.95
081580	X9667	3 1/2	2	2	2 1/2	5	1	95	25.00
081581	X9778	3 1/2	2 1/2	2 1/2	3	5	1	100	25.00
081582	X9999	3 1/2	3 1/2	3 1/2	3 1/2	5	1	105	25.00
081583	X1078	4	2 1/2	2 1/2	3	5	1	105	27.00
081584	X1089	4	3	3	3 1/2	5	1	110	27.00
081585	X1010	4	4	4	4	5	1	115	27.00

Above prices do not include covers. Prices of covers will be found on one the following pages.

Covers of the same size for Type X conduit castings, of which covers there are eighteen styles, are interchangeable.

*Any assortment of 300 of the first nine Type X conduit castings listed above; of 75 of the next seven; of 35 of the next seven; of 25 of the next nine; or of 25 of the last nine, entitles purchaser to standard package discount.

TYPES F AND FP CONDULETS

FOR SERVICE ENTRANCE



No. F12



Type F, Side View



Type FP, Side View



Type FP, Front View

COMPLETE WITH COVERS ATTACHED

Style of Cover	Size Conduit Std. Pkg. As'td. Unit Pkg.	1/2-inch 100 5	3/4-inch 100 5	1-inch 50 5	1 1/4-inch 20 1	1 1/2-inch 10 1	2-inch 5 1	2 1/2-inch 5 1	3-inch 5 1	3 1/2-inch 5 1	4-inch 5 1
Porcelain 1 Wire	Trade No. F11 Price Each \$0.60 Code Word Kogur	F21 .80	F31 \$1.30	F41 \$2.00	F51 \$2.65	F61 \$5.85	F71 \$12.75	F81 \$15.00	F91 \$34.00	F101 \$40.00	
Porcelain 2 Wire	Trade No. F12 Price Each .60 Code Word Kdabs	F22 .80	F32 1.30	F42 2.00	F52 2.65	F62 5.85	F72 12.75	F82 15.00	F92 34.00	F102 40.00	
Porcelain 3 Wire	Trade No. F13 Price Each .60 Code Word Kadds	F23 .80	F33 1.30	F43 2.00	F53 2.65	F63 5.85	F73 12.75	F83 15.00	F93 34.00	F103 40.00	
Porcelain 4 Wire	Trade No. F1400 Price Each .60 Code Word Kings	F2400 .80	F3400 1.30	F4400 2.00	F5400 2.65	F6400 5.85	F7400 12.75	F8400 15.00	F9400 34.00	F10400 40.00	
Porcelain 5 Wire	Trade No. F2500 Price Each .80 Code Word Kelks	F2500 .80	F3500 1.30	F4500 2.00	F5500 2.65	F6500 5.85	F7500 12.75	F8500 15.00	F9500 34.00	F10500 40.00	
Porcelain 6 Wire	Trade No. F2600 Price Each .80 Code Word Kbrins	F2600 .80	F3600 1.30	F4600 2.00	F5600 2.65	F6600 5.85	F7600 12.75	F8600 15.00	F9600 34.00	F10600 40.00	
Porcelain 7 Wire	Trade No. F3700 Price Each 2.00 Code Word Kifts	F3700 2.00	F4700 2.65	F5700 5.85	F6700 12.75	F7700 15.00	F8700 34.00	F9700 40.00	F10700 40.00		
Porcelain 8 Wire	Trade No. F3800 Price Each 2.00 Code Word Kblus	F3800 2.00	F4800 2.65	F5800 5.85	F6800 12.75	F7800 15.00	F8800 34.00	F9800 40.00	F10800 40.00		
For W. P. Socket	Trade No. F14 Price Each .66 Code Word Hagdu	F24 .90	F34 1.45	F44 2.20	F54 2.90	F64 6.15	F74 13.10	F84 15.40	F94 34.45	F104 40.45	

Castings without Covers, but with Cover Screws

Castings Only	Trade No.	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10
	Price Each	.50	.65	1.05	1.64	2.17	5.25	11.95	14.20	33.00	39.10
	Code Word	Kulys	Kimys	Kebat	Kacat	Kumat	Kitat	Kovat	Kbvat	Haiu	Haixi

All condulets of the same type and size may be assorted to make a standard package regardless of style of cover

TYPE FP ENTRANCE CONDULETS

Size Conduit Std. Pkg. As'td. Unit Pkg.	1/2-inch 100 5	3/4-inch 100 5	1-inch 50 5
Trade No.	F21	F31	F41
Price Each	\$0.35	\$0.45	\$0.65
Code Word	Zituh	Zodbi	Zugbi

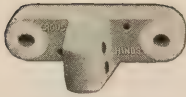
The Type of Service Entrance Condulet, listed above, was developed and placed on the market to meet the demand for an inexpensive but practical and approved service entrance fitting. It is formed from sheet steel and is arranged to clamp on the conduit. It is not tapped and therefore the conduit does not have to be threaded.

Special Standard Package Assortment

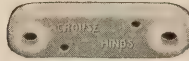
Any assortment of 1/2, 3/4 and 1-inch Type FP Condulets, aggregating a total number of 150, entitles purchaser to standard package discount.

CONDULET COVERS

FOR ALL TYPES AND SIZES OF CONDULETS



For W. P. Socket



Porcelain 2 Wire



Porcelain, 1/2 Male Nipple



Metal, 1/2 Male Nipple

Style of Cover	Size of Cover Std. Pkg. As't. Unit Pkg.	1/2-inch 200 10	3/4-inch 100 5	1-inch 50 5	1 1/4-inch 20 1	1 1/2-inch 10 1	2-inch 5 1	2 1/2-inch 5 1	3-inch 5 1	3 1/2-inch 5 1	4-inch 5 1
Porcelain 1 Wire	Trade No. Price Each Code Word	11 \$0.10 Cdunk	21 \$0.15 Cugok	31 \$0.25 Cahok	41 \$0.36 Cojok	51 \$0.48 Cimok	61 \$0.60 Cwook	71 \$0.80 Cbrok	81 \$0.80 Cytok	91 \$0.90 Caaba	101 \$0.90 Caabe
Porcelain 2 Wire	Trade No. Price Each Code Word	12 \$0.10 Cdork	22 \$0.15 Cansk	32 \$0.25 Cwysk	42 \$0.36 Cyauk	52 \$0.48 Cebok	62 \$0.60 Cabuk	72 \$0.80 Cejuk	82 \$0.80 Cumuk	92 \$0.90 Caabo	102 \$0.90 Caabs
Porcelain 3 Wire	Trade No. Price Each Code Word	13 \$0.10 Cinuk	23 \$0.15 Cudyk	33 \$0.25 Cygyk	43 \$0.36 Cwhyk	53 \$0.48 Cajyk	63 \$0.60 Celyk	73 \$0.80 Comyk	83 \$0.80 Cifal	93 \$0.90 Caabt	103 \$0.90 Caabu
Porcelain 4 Wire	Trade No. Price Each Code Word	1400 \$0.10 Cojal	2400 \$0.15 Cukal	3400 \$0.25 Cymal	4400 \$0.36 Cwral	5400 \$0.48 Ceval	6400 \$0.60 Cadel	7400 \$0.80 Cefel	8400 \$0.80 Cynel	9400 \$0.90 Caaca	10400 \$0.90 Caack
Porcelain 5 Wire	Trade No. Price Each Code Word	..... ..... .....	2500 \$0.15 Leudd	3500 \$0.25 Lybed	4500 \$0.36 Lifid	5500 \$0.48 Logid	6500 \$0.60 Lykid	7500 \$0.80 Luald	8500 \$0.80 Lweld	9500 \$0.90 Caaco	10500 \$0.90 Caact
Porcelain 6 Wire	Trade No. Price Each Code Word	..... ..... .....	2600 \$0.15 Luend	3600 \$0.25 Lwond	4600 \$0.36 Lydod	5600 \$0.48 Lufod	6600 \$0.60 Lbldod	7600 \$0.80 Lomod	8600 \$0.80 Linod	9600 \$0.90 Caacu	10600 \$0.90 Caada
Porcelain 7 Wire	Trade No. Price Each Code Word	..... ..... .....	..... ..... .....	3700 \$0.25 Lesod	4700 \$0.36 Latod	5700 \$0.48 Liwud	6700 \$0.60 Lacyd	7700 \$0.80 Lyfyd	8700 \$0.80 Losyd	9700 \$0.90 Caade	10700 \$0.90 Caado
Porcelain 8 Wire	Trade No. Price Each Code Word	..... ..... .....	..... ..... .....	3800 \$0.25 Letyd	4800 \$0.36 Lixyd	5800 \$0.48 Luvae	6800 \$0.60 Lyabo	7800 \$0.80 Libbe	8800 \$0.80 Loebe	9800 \$0.90 Caads	10800 \$0.90 Caueb
Porcelain for W. P. Socket	Trade No. Price Each Code Word	14 \$0.16 Cusel	24 \$0.25 Cotel	34 \$0.40 Cixel	44 \$0.56 Cdohl	54 \$0.73 Cbuhl	64 \$0.90 Cigil	74 \$1.15 Cokil	84 \$1.20 Cunil	94 \$1.35 Caack	104 \$1.35 Caact
1/2 Male Metal Nipple	Trade No. Price Each Code Word	15 \$0.20 Cocel	25 \$0.25 Cykol	35 \$0.35 Conol	45 \$0.46 Cupol	55 \$0.58 Cetol	65 \$0.70 Civol	75 \$0.90 Cwyol	85 \$0.90 Cwurl	95 \$1.00 Caage	105 \$1.00 Caagm
1/2 Female Metal Nipple	Trade No. Price Each Code Word	16 \$0.20 Cdyrl	26 \$0.25 Cweul	36 \$0.35 Caiul	46 \$0.46 Culul	56 \$0.58 Cipul	66 \$0.70 Cuowl	76 \$0.90 Cwayl	86 \$0.90 Cobyl	96 \$1.00 Caago	106 \$1.00 Caags
3/4 Male Metal Nipple	Trade No. Price Each Code Word	17 \$0.25 Denox	27 \$0.30 Dopox	37 \$0.40 Disox	47 \$0.51 Dadux	57 \$0.63 Dolux	67 \$0.75 Dunux	77 \$0.95 Depux	87 \$0.95 Divux	97 \$1.05 Caafs	107 \$1.05 Caaft
3/4 Female Metal Nipple	Trade No. Price Each Code Word	18 \$0.25 Cucyl	28 \$0.30 Cahyl	38 \$0.40 Ciwyl	48 \$0.51 Cocam	58 \$0.63 Cadam	68 \$0.75 Civeam	78 \$0.95 Cujam	88 \$0.95 Cykam	98 \$1.05 Caafu	108 \$1.05 Caaga
1/4 Male Porcelain Nipple	Trade No. Price Each Code Word	19 \$0.25 Cejil	29 \$0.30 Dufyx	39 \$0.43 Dipyx	49 \$0.58 Ddryx	59 \$0.72 Dasyx	69 \$0.90 Daoka	79 \$1.20 Dduya	89 \$1.35 Dawya	99 \$1.45 Caave	109 \$1.45 Caafe
1/4 Female Porcelain Nipple	Trade No. Price Each Code Word	110 \$0.25 Ducab	210 \$0.30 Defab	310 \$0.43 Dygab	410 \$0.58 Dohab	510 \$0.72 Dalab	610 \$0.90 Ddraab	710 \$1.20 Dwyab	810 \$1.35 Ddaeb	910 \$1.45 Caafi	1010 \$1.45 Caafu
3/4 Male Porcelain Nipple	Trade No. Price Each Code Word	111 \$0.35 Dobeb	211 \$0.41 Difeb	311 \$0.53 Dykeb	411 \$0.68 Daneb	511 \$0.82 Dubib	611 \$1.00 Dydeb	711 \$1.30 Dakib	811 \$1.50 Donib	911 \$1.60 Caahm	1011 \$1.60 Caair
3/4 Female Porcelain Nipple	Trade No. Price Each Code Word	112 \$0.35 Ditib	212 \$0.41 Dwalb	312 \$0.53 Daalb	412 \$0.68 Doamb	512 \$0.82 Dbomb	612 \$1.00 Dyaob	712 \$1.30 Dibob	812 \$1.50 Docob	912 \$1.60 Caagt	1012 \$1.60 Caahu
Blank Metal	Trade No. Price Each Code Word	100 \$0.08 Cacik	200 \$0.11 Codik	300 \$0.23 Cujik	400 \$0.32 Cewik	500 \$0.45 Cdilk	600 \$0.56 Ciulk	700 \$0.75 Cbenk	800 \$0.75 Cwink	900 \$0.80 Caaf	1000 \$0.80 Caak

Condulet Covers of the same size, listed above, may be assorted to make up a standard package regardless of style of cover.

CONDULETTO FITTINGS

RECEPTACLES, CORD ROSETTES, AND FIXTURE ROSETTES, FOR DIRECT MOUNTING
TYPES A, B, C, D, E, LB, LF, LL, LR, T, TL, TR, U, AND X CONDULETS



Receptacle, with
Shade Holder Groove



Receptacle, without
Shade Holder Groove



Cord Rosette



Fixture Rosette



For 2¼-inch Shade



For 3¼-inch Shade



For 2¼-inch
Holophane Shade

CONDULETTO RECEPTACLES

With Shade Holder Groove

Trade No.	Mfrs. No.	For Condulet Inches	Std. Pkg.	Unit Pkg.	Wt., Lbs. Std. Pkg.	Price Each
083872	JRG1	½	250	10	115	\$0.33
083873	JRG2	¾	100	10	55	.33
083874	JRG3	1	50	10	30	.33

Without Shade Holder Groove

Trade No.	Mfrs. No.	For Condulet Inches	Std. Pkg.	Unit Pkg.	Wt., Lbs. Std. Pkg.	Price Each
083875	JR1	½	250	10	115	.28
083876	JR2	¾	100	10	55	.28
083877	JR3	1	50	10	30	.28

CONDULETTO CORD ROSETTES

Trade No.	Mfrs. No.	For Condulet Inches	Std. Pkg.	Unit Pkg.	Wt., Lbs. Std. Pkg.	Price Each
083878	JC1	½	250	10	140	.22
083879	JC2	¾	100	10	70	.22
083880	JC3	1	50	10	40	.22

CONDULETTO FIXTURE ROSETTES

Trade No.	Mfrs. No.	For Condulet Inches	Std. Pkg.	Unit Pkg.	Wt., Lbs. Std. Pkg.	Price Each
083881	JF1	½	100	10	60	.33
083882	JF2	¾	100	10	70	.33
083883	JF3	1	50	10	40	.33

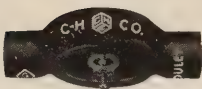





SHADE HOLDERS

For C-H Porcelain Receptacles

Trade No.	Mfrs. No.	Size, Shade Inches	Std. Pkg.	Unit Pkg.	Wt., Lbs. Std. Pkg.	Price Each
083884	NRS2¼	2¼	200	10	40	\$0.10
083885	NRS3¼	3¼	200	10	50	.20
083886	NRH2¼	2¼	200	10	50	.18

Any assortment of 250 receptacles with shade holder groove, 250 receptacles without shade holder groove, 250 cord rosettes or 100 fixture rosettes, regardless of size of fitting, entitles purchaser to standard package discount.

TYPES G, GL, GT, GX, H AND HA CONDULET CASTINGS

TYPE G									
	Trade No.	Mfrs. No.	For Fittings Size, Amperes	For Conduit Size, Inches	Std. Pkg.	Unit Pkg.	Wt., Lbs. Std. Pkg.	Price Each	
 No. G	083460	G151	5	1/2	150	10	140	\$0.55	
	083461	G1101	10	1/2	150	10	175	.65	
	083462	G1201	20	1/2	75	5	125	.90	
	083463	G252	5	3/4	75	5	100	.65	
	083464	G2102	10	3/4	75	5	120	.80	
	083465	G2202	20	3/4	50	5	100	.95	
	083466	G353	5	1	25	5	45	.90	
	083467	G3103	10	1	25	5	55	1.00	
	083468	G3203	20	1	25	5	65	1.20	
TYPE GL									
 No. GL	083469	G151L	5	1/2	100	10	95	.60	
	083470	G1101L	10	1/2	100	10	120	.70	
	083471	G1201L	20	1/2	50	5	85	.95	
	083472	G252L	5	3/4	50	5	70	.70	
	083473	G2102L	10	3/4	50	5	80	.85	
	083474	G2202L	20	3/4	50	5	100	1.05	
	083475	G353L	5	1	25	5	45	.95	
	083476	G3103L	10	1	25	5	55	1.05	
	083477	G3203L	20	1	25	5	65	1.35	
TYPE GT									
 No. GT	083478	G151T	5	1/2	100	10	120	.75	
	083479	G1101T	10	1/2	100	10	150	.85	
	083480	G1201T	20	1/2	50	5	105	1.10	
	083481	G252T	5	3/4	50	5	90	.85	
	083482	G2102T	10	3/4	50	5	100	1.00	
	083483	G2202T	20	3/4	50	5	125	1.20	
	083484	G353T	5	1	25	5	60	1.10	
	083485	G3103T	10	1	25	5	70	1.20	
	083486	G3203T	20	1	25	5	80	1.50	
TYPE GX									
 No. GX	083487	G151X	5	1/2	100	10	150	.90	
	083488	G1101X	10	1/2	100	10	190	1.00	
	083489	G1201X	20	1/2	50	5	130	1.25	
	083490	G252X	5	3/4	50	5	90	1.00	
	083491	G2102X	10	3/4	50	5	125	1.15	
	083492	G2202X	20	3/4	50	5	155	1.40	
	083493	G353X	5	1	25	5	75	1.35	
	083494	G3103X	10	1	25	5	85	1.45	
	083495	G3203X	20	1	25	5	100	1.80	
TYPE H									
 No. H	083496	H15	5	1/2	150	10	120	.45	
	083497	H110	10	1/2	150	10	145	.55	
	083498	H120	20	1/2	75	5	105	.80	
	083499	H25	5	3/4	75	5	90	.55	
	083500	H210	10	3/4	75	5	100	.70	
	083501	H220	20	3/4	50	5	80	.85	
	083502	H35	5	1	25	5	40	.80	
	083503	H310	10	1	25	5	45	.90	
	083504	H320	20	1	25	5	55	1.10	
TYPE HA									
 No. HA	083505	H15A	5	1/2	100	5	80	.50	
	083506	H110A	10	1/2	100	5	100	.60	
	083507	H120A	20	1/2	50	5	70	.85	
	083508	H25A	5	3/4	50	5	60	.60	
	083509	H210A	10	3/4	50	5	70	.75	
	083510	H220A	20	3/4	50	5	80	.90	
	083511	H35A	5	1	25	5	40	.85	
	083512	H310A	10	1	25	5	45	.95	
	083513	H320A	20	1	25	5	55	1.20	

Condulets on this page also take material scheduled on the following page, as listed under various sizes--5, 10 and 20 amperes. Above prices do not include covers. Covers, nipple and drop cord type for these condulets, are listed on the following page.

Special standard package assortment. Any assortment of 1/2, 3/4 or 1-inch Types G, GL, GT, GX, H and HA condulets aggregating 400, 300 and 100, respectively, entitles purchaser to standard package discount.

CONDULET COVERS

FOR TYPES G, GL, GT, GX, H AND HA CONDULETS

For $\frac{1}{2}$, $\frac{3}{4}$ and 1-inch Condulets

No. 5101



No. 5105



No. 5106



No. 5107



No. 5109



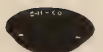
No. 51010



No. 51011



No. 51012



No. 51000



No. 021



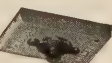
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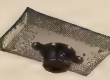
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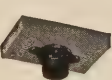
No. 028



No. 029



No. 0210



No. 0211



No. 0212



No. 0200

Style Cover	Size of Cover Std. Pkg. As'td. Unit Pkg.	For 5 and 10 Amp. Fittings	For 20 Amp. Fittings
1-Wire	Trade No.	150	75
Porcelain	Price Each	5	5
$\frac{1}{8}$ Male	Code Word	5101	201
Metal	Trade No.	\$0.10	\$0.25
Nipple	Price Each	Wkar	Wkaw
$\frac{1}{8}$ Female	Code Word	5105	205
Metal	Trade No.	.20	.35
Nipple	Code Word	Wkba	Wkbi
$\frac{3}{8}$ Male	Trade No.	5106	206
Metal	Price Each	.20	.35
Nipple	Code Word	Wkbo	Wkdo
$\frac{3}{8}$ Female	Trade No.	5107	207
Metal	Price Each	.25	.40
Nipple	Code Word	Wkeb	Wken
$\frac{3}{8}$ Male	Trade No.	5108	208
Metal	Price Each	.25	.40
Nipple	Code Word	Wkes	Wkfo
$\frac{1}{2}$ Male	Trade No.	5109	209
Porcelain	Price Each	.25	.43
Nipple	Code Word	Wkfu	Wkga
$\frac{1}{2}$ Female	Trade No.	51010	210
Porcelain	Price Each	.25	.43
Nipple	Code Word	Wkib	Wkid
$\frac{3}{4}$ Male	Trade No.	51011	211
Porcelain	Price Each	.35	.53
Nipple	Code Word	Wkil	Wkim
$\frac{3}{4}$ Female	Trade No.	51012	212
Porcelain	Price Each	.35	.53
Nipple	Code Word	Wkin	Wkip
Blank	Trade No.	51000	2000
Metal	Price Each	.08	.23
	Code Word	Wkjo	Wkju

COVERS FOR TYPES M AND O CONDULETS

Style Cover	Size of Cover Std. Pkg. As'td. Unit Pkg.	For 2-Wire Moulding	For 3-Wire Moulding
1-Wire	Trade No.	100	100
Porcelain	Price Each	5	5
$\frac{1}{8}$ Male	Code Word	021	031
Metal	Trade No.	\$0.10	\$0.15
Nipple	Price Each	Wysl	Wyun
$\frac{1}{8}$ Female	Code Word	025	035
Metal	Trade No.	.20	.25
Nipple	Code Word	Wkka	Wkle
$\frac{3}{8}$ Male	Trade No.	026	036
Metal	Price Each	.20	.25
Nipple	Code Word	Wkma	Wkne
$\frac{3}{8}$ Female	Trade No.	027	037
Metal	Price Each	.25	.30
Nipple	Code Word	Wkog	Wkoj
$\frac{1}{2}$ Male	Trade No.	028	038
Porcelain	Price Each	.25	.30
Nipple	Code Word	Wkol	Wkos
$\frac{1}{2}$ Female	Trade No.	029	039
Porcelain	Price Each	.25	.30
Nipple	Code Word	Wkov	Wkpe
$\frac{3}{4}$ Male	Trade No.	0210	0310
Porcelain	Price Each	.25	.30
Nipple	Code Word	Wkpu	Wkro
$\frac{3}{4}$ Female	Trade No.	0211	0311
Porcelain	Price Each	.35	.41
Nipple	Code Word	Wksu	Wkte
$\frac{3}{4}$ Female	Trade No.	0212	0312
Porcelain	Price Each	.35	.41
Nipple	Code Word	Wkum	Wkun
Blank	Trade No.	0200	0300
Metal	Price Each	.08	.11
	Code Word	Wyof	Wypf

TYPE V CONDULETS

WITH VAPOORPROOF GLOBES AND GUARDS
FOR INCANDESCENT LAMP RECEPTACLES No. 9397



Type V



Type VC



Type VL



Type VT



Type VX



Type VA

TYPES V, VC, VL, VT, VX AND VA CONDULETS
FOR INCANDESCENT LAMPS NOT EXCEEDING 2¾ INCHES IN DIAMETER

			Complete with Globes and Guards Attached						
Size of Conduit	Std. Pkg. not As'd	Unit Pkg.	Type of Conduit	Type V	Type VC	Type VL	Type VT	Type VX	Type VA
½-inch	75	1	Trade No.	V189	V1189C	V1189L	V11189T	V111189X	V189A
			Price Each	\$4.50	\$4.60	\$4.60	\$4.75	\$4.85	\$4.50
			Code Word	Ylju	Ylki	Ylks	Ylku	Ylls	Ylna
¾-inch	50	1	Trade No.	V289	V2289C	V2289L	V22289T	V222289X	V289A
			Price Each	4.55	4.70	4.70	4.85	5.05	4.55
			Code Word	Ylne	Ylno	Ylno	Yloc	Ylod	Ylog
1-inch	25	1	Trade No.	V389	V3389C	V3389L	V33389T	V333389X	V389A
			Price Each	4.60	4.80	4.80	5.05	5.20	4.60
			Code Word	Yloj	Yloo	Ylop	Ylpi	Ylra	Ylss

Castings only, without Globes and Guards

Size of Conduit	Std. Pkg. not As'd	Unit Pkg.	Type of Conduit	Type V	Type VC	Type VL	Type VT	Type VX	Type VA
½-inch	75	1	Trade No.	V1	V11C	V11L	V111T	V1111X	V1A
			Price Each	1.90	2.00	2.00	2.15	2.25	1.90
			Code Word	Ylth	Yluf	Ylug	Ylul	Ylus	Yluv
¾-inch	50	1	Trade No.	V2	V22C	V22L	V222T	V2222X	V2A
			Price Each	1.95	2.10	2.10	2.25	2.45	1.95
			Code Word	Ylux	Ylve	Ylwa	Ylxe	Ylyk	Ylym
1-inch	25	1	Trade No.	V3	V33C	V33L	V333T	V3333X	V3A
			Price Each	2.00	2.20	2.20	2.45	2.60	2.00
			Code Word	Ylys	Ymad	Ymar	Ymat	Ymav	Ymax

TYPES VH, VHC, VHL, VHT, VHx, AND VHA
FOR INCANDESCENT LAMPS, NOT EXCEEDING 3¼ INCHES IN DIAMETER

Complete, with Globes and Guards Attached

Size of Conduit	Std. Pkg. not As'd	Unit Pkg.	Type of Conduit	Type VH	Type VHC	Type VHL	Type VHT	Type VHx	Type VHA
½-inch	75	1	Trade No.	VH189	VH1189C	VH1189L	VH11189T	VH111189X	VH189A
			Price Each	\$5.40	\$5.50	\$5.50	\$5.60	\$5.70	\$5.40
			Code Word	Ymbu	Ymdu	Ymek	Ymep	Ymev	Ymew
¾-inch	50	1	Trade No.	VH289	VH2289C	VH2289L	VH22289T	VH222289X	VH289A
			Price Each	5.45	5.60	5.60	5.75	5.90	5.45
			Code Word	Ymfa	Ymfe	Ymfo	Ymge	Ymgo	Ymha
1-inch	25	1	Trade No.	VH389	VH3389C	VH3389L	VH33389T	VH333389X	VH389A
			Price Each	5.50	5.65	5.65	5.85	6.05	5.50
			Code Word	Ymiw	Ymja	Ymki	Ymko	Ymks	Ymle

Castings only without Globes and Guards

Size of Conduit	Std. Pkg. not As'd	Unit Pkg.	Type of Conduit	Type VH	Type VHC	Type VHL	Type VHT	Type VHx	Type VHA
½-inch	75	1	Trade No.	VH1	VH11C	VH11L	VH111T	VH1111X	VH1A
			Price Each	2.35	2.45	2.45	2.55	2.65	2.35
			Code Word	Ymna	Ymni	Ymod	Ymok	Ymom	Ymow
¾-inch	50	1	Trade No.	VH2	VH22C	VH22L	VH222T	VH2222X	VH2A
			Price Each	2.40	2.55	2.55	2.70	2.85	2.40
			Code Word	Ympt	Ymru	Ymte	Ymts	Ymub	Ymuf
1-inch	25	1	Trade No.	VH3	VH33C	VH33L	VH333T	VH3333X	VH3A
			Price Each	2.45	2.60	2.60	2.80	3.00	2.45
			Code Word	Ymuh	Ymuk	Ymur	Ymwi	Ymyk	Ymyp

VAPOR PROOF GLOBES AND GUARDS

For ½, ¾, and 1 in. Conduits	Globe for Small Lamp	Globe for Large Lamp	For ½, ¾, and 1 in. Conduits	Guard for Small Globe	Guard for Large Globe
Std. Pkg.	75	75	Std. Pkg.	75	75
Unit Pkg.	1	1	Unit Pkg.	1	1
Trade No.	V8	VH8	Trade No.	V9	VH9
Price Each	\$0.80	\$0.80	Price Each	\$1.80	\$2.25
Code Word	Ymys	Ynah	Code Word	Ynaj	Ynak



Type V8



Type V9

TYPES J, JL AND JA CONDULETS

TYPE J



No. J11227



No. J115



No. J11227L



No. J11338L



No. J11227A

No. J11227A
(Side View)

	Size Conduit Std. Pkg. As'td. Unit Pkg. not As'td.	1/2-inch 200 5	3/4-inch 100 5	1-inch 50 5
Norbitt Recept.	Trade No.	J11227G	J22227G	J33227G
With Shade	Price Each	\$1.05	\$1.20	\$1.50
Holder Groove	Code Word	Blux	Blve	Blwa
Norbitt Recept.	Trade No.	J11227	J22227	J33227
Without Shade	Price Each	1.00	1.15	1.45
Holder Groove	Code Word	Blxe	Blyk	Blys
Norbitt	Trade No.	J11332	J22332	J33332
Cord	Price Each	.90	1.05	1.35
Rosette	Code Word	Bmad	Bmal	Bmar
Norbitt	Trade No.	J11338	J22338	J33338
Fixture	Price Each	.95	1.10	1.40
Rosette	Code Word	Bmat	Bmav	Bmax
Hubbell	Trade No.	J115	J225	J335
Attachment	Price Each	1.10	1.25	1.55
Plug Recept.	Code Word	Bmbu	Bmdu	Bmeg
Castings only				
Castings	Trade No.	J11	J22	J33
Only	Price Each	.60	.75	1.05
	Code Word	Bloc	Blog	Blaj

TYPE JL

	Size Conduit Std. Pkg. As'td. Unit Pkg. not As'td.	1/2-inch 100 5	3/4-inch 75 5	1-inch 50 5
Norbitt Recept.	Trade No.	J11227LG	J22227LG	J33227LG
With Shade	Price Each	\$1.30	\$1.40	\$1.50
Holder Groove	Code Word	Aeaf	Aeafs	Aeaf
Norbitt Recept.	Trade No.	J11227L	J22227L	J33227L
Without Shade	Price Each	1.25	1.35	1.45
Holder Groove	Code Word	Aeafu	Aeaga	Aeage
Norbitt	Trade No.	J11332L	J22332L	J33332L
Cord	Price Each	1.15	1.25	1.35
Rosette	Code Word	Aeagm	Aeags	Aeahm
Norbitt	Trade No.	J11338L	J22338L	J33338L
Fixture	Price Each	1.20	1.30	1.40
Rosette	Code Word	Aeahr	Aeaht	Aeahu
Hubbell	Trade No.	J115L	J225L	J335L
Attachment	Price Each	1.35	1.45	1.55
Plug Recept.	Code Word	Aeaf	Aeak	Aeain
Castings only				
Castings	Trade No.	J11L	J22L	J33L
Only	Price Each	.85	.95	1.05
	Code Word	Aeaix	Aeaja	Aeaje

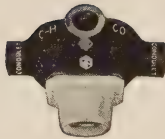
TYPE JA

Norbitt Recept.	Trade No.	J11227AG	J22227AG	J33227AG
With Shade	Price Each	\$1.15	\$1.30	\$1.60
Holder Groove	Code Word	Aeaka	Aeako	Aeakt
Norbitt Recept.	Trade No.	J11227A	J22227A	J33227A
Without Shade	Price Each	1.10	1.25	1.55
Holder Groove	Code Word	Aeala	Aealb	Aeald
Norbitt	Trade No.	J11338A	J22338A	J33338A
Fixture	Price Each	1.05	1.20	1.50
Rosette	Code Word	Aeale	Aealn	Aeam
Hubbell	Trade No.	J115A	J225A	J335A
Attachment	Price Each	1.20	1.35	1.65
Plug Recept.	Code Word	Aeame	Aeamp	Aeam
Castings only				
Castings	Trade No.	J11A	J22A	J33A
Only	Price Each	.70	.85	1.15
	Code Word	Aeanp	Aeant	Aeao

TYPES JB, JT AND JX CONDULETS



No. J11227B

No. J11227B
Side View

No. J111227T



No. J111338T



No. J1111227X



No. J1111332X

TYPE JB

	Size Condulet Std. Pkg. As'td Unit Pkg. not As'td	1/2-inch 100 5	3/4-inch 75 5	1-inch 50 5
Norbitt Recept.	Trade No.	J11227BG	J22227BG	J33227BG
With Shade	Price Each	\$1.15	\$1.30	\$1.60
Holder Groove	Code Word	Svux	Svwe	Svyc
Norbitt Recept.	Trade No.	J11227B	J22227B	J33227B
Without Shade	Price Each	1.10	1.25	1.55
Holder Groove	Code Word	Svyf	Swag	Swak
Norbitt	Trade No.	J11338B	J22338B	J33338B
Fixture	Price Each	1.05	1.20	1.50
Rosette	Code Word	Swao	Swce	Swec
Hubbell	Trade No.	J115B	J225B	J335B
Attachment	Price Each	1.20	1.35	1.65
Plug. Recept.	Code Word	Swev	Swev	Swik

Castings only

	Trade No.	J11B	J22B	J33B
Castings	Price Each	.70	.85	1.15
Only	Code Word	Swir	Swis	Swoa

TYPT JT

Norbitt Recept.	Trade No.	J111227TG	J222227TG	J333227TG
With Shade	Price Each	1.40	1.50	1.60
Holder Groove	Code Word	Swoh	Swot	Swsa
Norbitt Recept.	Trade No.	J111227T	J222227T	J333227T
Without Shade	Price Each	1.35	1.45	1.55
Holder Groove	Code Word	Swsu	Swud	Swve
Norbitt	Trade No.	J111332T	J222332T	J333332T
Cord	Price Each	1.25	1.35	1.45
Rosette	Code Word	Sway	Swyl	Sxag
Norbitt	Trade No.	J111338T	J222338T	J333338T
Fixture	Price Each	1.30	1.40	1.50
Rosette	Code Word	Sxam	Sxar	Sxef
Hubbell	Trade No.	J1115T	J2225T	J3335T
Attachment	Price Each	1.45	1.55	1.65
Plug Recept.	Code Word	Sxeh	Sxel	Sxco

Castings only

	Trade No.	J111T	J222T	J333T
Castings	Price Each	.95	1.05	1.15
Only	Code Word	Sxfa	Sxhe	Sxip

TYPE JX

Norbitt Recept.	Trade No.	J1111227XG	J2222227XG	J3333227XG
With Shade	Price Each	1.50	1.60	1.75
Holder Groove	Code Word	Sxis	Sxiv	Sxmu
Norbitt Recept.	Trade No.	J1111227X	J2222227X	J3333227X
Without Shade	Price Each	1.45	1.55	1.70
Holder Groove	Code Word	Sxoh	Sxor	Sxpo
Norbitt	Trade No.	J1111332X	J2222332X	J3333332X
Cord	Price Each	1.35	1.45	1.60
Rosette	Code Word	Sxta	Sxuc	Sxut
Norbitt	Trade No.	J1111338X	J2222338X	J3333338X
Fixture	Price Each	1.40	1.50	1.65
Rosette	Code Word	Sxyd	Syab	Syaf
Hubbell	Trade No.	J11115X	J22225X	J33335X
Attachment	Price Each	1.55	1.65	1.80
Plug Recept.	Code Word	Syap	Syat	Sybe

Castings only

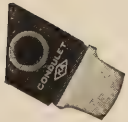
	Trade No.	J1111X	J2222X	J3333X
Castings	Price Each	1.05	1.15	1.30
Only	Code Word	Syck	Syev	Syfa

TYPES KA, KB AND KC CONDULETS

TYPE KA



No. K 1227A

No. K 1227A
Side View

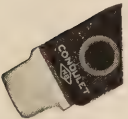
	Size Conduit	1/2-inch	3/4 i-inch	1-inch
Std. Pkg As'td		100	75	50
Unit Pkg. not As'td		5	5	5
Norbitt Recept.	Trade No.	K1227AG	K2227AG	K3227AG
With Shade	Price Each	\$1.05	\$1.20	\$1.50
Holder Groove	Code Word	Sygo	Sygu	Syja
Norbitt Recept.	Trade No.	K1227A	K2227A	K3227A
Without Shade	Price Each	1.00	1.15	1.45
Holder Groove	Code Word	Syka	Syko	Sylo
Norbitt	Trade No.	K1338A	K2338A	K3338A
Fixture	Price Each	.95	1.10	1.40
Rosette	Code Word	Sylp	Sylu	Syms
Hubbell	Trade No.	K15A	K25A	K35A
Attachment	Price Each	1.10	1.25	1.55
Plug Recept.	Code Word	Syob	Syof	Syol

Castings only

	Trade No.	K1A	K2A	K3A
Castings	Price Each	.60	.75	1.05
Only	Code Word	Sypt	Syrl	Sysk



No. K 1227B

No. K 1227B
Side View

	Trade No.	K1227BG	K2227BG	K3227BG
Norbitt Recept.	Price Each	\$1.05	\$1.20	\$1.50
With Shade	Code Word	Syuf	Syun	Syvu
Holder Groove	Trade No.	K1227B	K2227B	K3227B
Norbitt Recept.	Price Each	1.00	1.15	1.45
Without Shade	Code Word	Tkac	Tkaf	Tkal
Holder Groove	Trade No.	K1338B	K2338B	K3338B
Norbitt	Price Each	.95	1.10	1.40
Fixture	Code Word	Tkam	Tkar	Tkaw
Rosette	Trade No.	K15B	K25B	K35B
Hubbell	Price Each	1.10	1.25	1.55
Attachment	Code Word	Tkba	Tkbi	Tkbo
Plug Recept.				

Castings only

	Trade No.	K1B	K2B	K3B
Castings	Price Each	.60	.75	1.05
Only	Code Word	Tkdo	Tkeb	Tken



No. K 1227C

No. K1227C
Side View

TYPE KC

	Trade No.	K1227CG	K2227CG	K3227CG
Norbitt Recept.	Price Each	\$1.05	\$1.20	\$1.50
With Shade	Code Word	Tkes	Tkfo	Tkfu
Holder Groove	Trade No.	K1227C	K2227C	K3227C
Norbitt Recept.	Price Each	1.00	1.15	1.45
Without Shade	Code Word	Tkga	Tkib	Tkid
Holder Groove	Trade No.	K1338C	K2338C	K3338C
Norbitt	Price Each	.95	1.10	1.40
Fixture	Code Word	Tkil	Tkim	Tkin
Rosette	Trade No.	K15C	K25C	K35C
Hubbell	Price Each	1.10	1.25	1.55
Attachment	Code Word	Tkip	Tkjo	Tkju
Plug Recept.				

Castings only

	Trade No.	K1C	K2C	K3C
Castings	Price Each	.60	.75	1.05
Only	Code Word	Tkka	Tkle	Tkma

TYPES KD AND K CONDULETS

TYPE KD



No. K1227D

No. K1227D
(Side View)

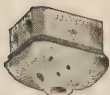
No. K1227



No. K15



No. CC227



No. CC332



No. CC338



No. CC5

Norbitt Recept.
With Shade
Holder Groove
Norbitt Recept.
Without Shade
Holder Groove

Norbitt
Fixture
Rosette
Hubbell
Attachment
Plug Recept.

Size Conduit
Std. Pkg. As'td.
Unit Pkg. not As'td.

Trade No.
Price Each
Code Word
Trade No.
Price Each
Code Word
Trade No.
Price Each
Code Word
Trade No.
Price Each
Code Word

$\frac{1}{2}$ -inch
100
5

K1227DG
\$1.05
Rvju
K1227D
1.00
Rvoc
K1338D
.95
Rvos
K15D
1.10
Rvra

$\frac{3}{4}$ -inch
75
5

K2227DG
\$1.20
Rvki
K2227D
1.15
Rvof
K2338D
1.10
Rvpe
K25D
1.25
Rvro

1-inch
50
5

K3227DG
\$1.50
Rvna
K3227D
1.45
Rvol
K3338D
1.40
Rvpi
K35D
1.55
Rvta

Castings only

Castings
Only

Trade No.
Price Each
Code Word

K1D
.60
Rvto

K2D
.75
Rvua

K3D
1.05
Rvux

TYPE K

Norbitt Recept.
With Shade
Holder Groove
Norbitt Recept.
Without Shade
Holder Groove

Norbitt
Fixture
Rosette
Norbitt
Cord
Rosette
Hubbell
Attachment
Plug Recept.

Trade No.
Price Each
Code Word
Trade No.
Price Each
Code Word
Trade No.
Price Each
Code Word
Trade No.
Price Each
Code Word

K1227G
.95
Bloo
K1227
.90
Blth
K1338
.85
Bmek
K1332
.80
Bmew
K15
1.00
Bmgo

K2227G
1.10
Blop
K2227
1.05
Bluf
K2338
1.00
Bmep
K2332
.95
Bmfa
K25
1.15
Bmha

K3227G
1.40
Blpi
K3227
1.35
Blug
K3338
1.30
Bmon
K3332
1.25
Bmfe
K35
1.45
Bmiw

Castings only

Castings
Only

Trade No.
Price Each
Code Word

K1
.50
Bmko

K2
.65
Bmks

K3
.95
Bmle

PORCELAIN FITTINGS FOR $\frac{1}{2}$, $\frac{3}{4}$, AND 1-INCH CONDULETS

For Types J, JA, JB, JL, JT, JX, K, KA, KB, KC, and KD Condulets

Size Conduit
Std. Pkg. As'td.
Unit Pkg. not As'td.

Trade No.
Price Each
Code Word
Trade No.
Price Each
Code Word
Trade No.
Price Each
Code Word
Trade No.
Price Each
Code Word
Trade No.
Price Each
Code Word

Complete
Fitting
 $\frac{1}{2}$ -inch
200
10

CC227G
\$0.45
Bmna
CC227
.40
Bmok
CC332
.30
Bmow
CC338
.35
Bmte
CC5
.50
Bmuf

Cap Only
With Gasket
 $\frac{3}{4}$ -inch
200
10

CC227XG
\$0.35
Bmni
CC227X
.30
Bmom
CC332X
.20
Bmpt
CC338X
.25
Bmts
CC5X
.25
Bmuh

Base Only
1-inch
200
10

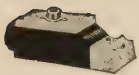
CC227ZG
\$0.10
Bmod
CC227Z
.10
Bmev
CC332Z
.10
Bmru
CC338Z
.10
Bmub
CC5Z
.25
Bmuk

Norbitt Recept.
With Shade
Holder Groove
Norbitt Recept.
Without Shade
Holder Groove

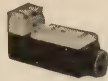
Norbitt
Cord
Rosette
Norbitt
Fixture
Rosette
Hubbell
Attachment
Plug Recept. only

TYPE O CONDULETS

FOR COMBINATION CONDUIT AND MOLDING WORK



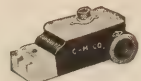
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No. OC 1121



No. OC 12212



No. OC 13211



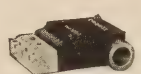
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No. OC 1139



No. OC 12312



No. OC 13300

WITH PORCELAIN AND METAL COVERS

Complete with Porcelain Insulators and Covers Attached

Style of Cover	Style of Condulet Std. Pkg. As'ld* Unit Pkg.	2 Wire 100 5	3 Wire 100 5	2 Wire 100 5	3 Wire 100 5	2 Wire 100 5	3 Wire 100 5	2 Wire 100 5	3 Wire 100 5
Porcelain	Trade No.	OC1021	OC1031	OC1121	OC1131	OC1221	OC1231	OC1321	OC1331
1 wire Hole	Price Each	\$0.72	\$0.94	\$0.82	\$1.04	\$0.72	\$0.94	\$0.72	\$0.94
	Code Word	Ytpi	Ytto	Ytue	Ytuh	Ytuv	Ytvo	Ytvu	Ytwe
$\frac{1}{8}$ Male	Trade No.	OC1025	OC1035	OC1125	OC1135	OC1225	OC1235	OC1325	OC1335
Metal	Price Each	.82	1.04	.92	1.14	.82	1.04	.82	1.04
Nipple	Code Word	Ytyc	Ytyd	Yuac	Yuaf	Yuah	Yuak	Yuan	Yuar
$\frac{1}{8}$ Female	Trade No.	OC1026	OC1036	OC1126	OC1136	OC1226	OC1236	OC1326	OC1336
Metal	Price Each	.82	1.04	.92	1.14	.82	1.04	.82	1.04
Nipple	Code Word	Yuba	Yubi	Yubo	Yubs	Yucu	Yudd	Yude	Yudo
$\frac{3}{8}$ Male	Trade No.	OC1027	OC1037	OC1127	OC1137	OC1227	OC1237	OC1327	OC1337
Metal	Price Each	.87	1.09	.97	1.19	.87	1.09	.87	1.09
Nipple	Code Word	Yuda	Yuef	Yuet	Yufe	Yufa	Yuft	Yugh	Yugi
$\frac{3}{8}$ Female	Trade No.	OC1028	OC1038	OC1128	OC1138	OC1228	OC1238	OC1328	OC1338
Metal	Price Each	.87	1.09	.97	1.19	.87	1.09	.87	1.09
Nipple	Code Word	Yuhl	Yuhm	Yuhn	Yuhh	Yuja	Yyke	Yulf	Yulk
$\frac{1}{2}$ Male	Trade No.	OC1029	OC1039	OC1129	OC1139	OC1229	OC1239	OC1329	OC1339
Porcelain	Price Each	.87	1.09	.97	1.19	.87	1.09	.87	1.09
Nipple	Code Word	Yulp	Yumo	Yump	Yumu	Yung	Yunk	Yuns	Yunx
$\frac{1}{2}$ Female	Trade No.	OC10210	OC10310	OC11210	OC11310	OC12210	OC12310	OC13210	OC13310
Porcelain	Price Each	.87	1.09	.97	1.19	.87	1.09	.87	1.09
Nipple	Code Word	Yuof	Yuom	Yupa	Yupe	Yuph	Yurb	Yurg	Yurl
$\frac{3}{4}$ Male	Trade No.	OC10211	OC10311	OC11211	OC11311	OC12211	OC12311	OC13211	OC13311
Porcelain	Price Each	.97	1.20	1.07	1.30	.97	1.20	.97	1.20
Nipple	Code Word	Yurm	Yurn	Yasu	Yuth	Yuvu	Yuwe	Yuxi	Yuya
$\frac{3}{4}$ Female	Trade No.	OC10212	OC10312	OC11212	OC11312	OC12212	OC12312	OC13212	OC13312
Porcelain	Price Each	.97	1.20	1.07	1.30	.97	1.20	.97	1.20
Nipple	Code Word	Yvae	Yvak	Yval	Yvam	Yvat	Yves	Yvew	Yvex
	Trade No.	OC10200	OC10300	OC11200	OC11300	OC12200	OC12300	OC13200	OC13300
Blank	Price Each	.70	.90	.80	1.00	.70	.90	.70	.90
Metal	Code Word	Yvfu	Yvhu	Yvia	Yvio	Yviv	Yvju	Yvki	Yvoc

Type O Condulets with Porcelain Insulators, but Without Covers

	Trade No.	OC102	OC103	OC112	OC113	OC122	OC123	OC132	OC133
Castings	Price Each	\$0.62	\$0.79	\$0.72	\$0.89	\$0.62	\$0.79	\$0.62	\$0.79
Only	Code Word	Yvof	Yvol	Yvpe	Yvpi	Yvra	Yvro	Yvta	Yvto

Standard Standard Package Assortment

Any assortment of Type OC Condulets, aggregating a total of 400 fittings, entitles the purchaser to the Standard Package discount.

*All condulets of the same form and for the same style of moulding may be assorted to make up a Standard Package regardless of style of cover.

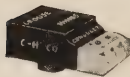
Covers of all condulets for 2-wire moulding are interchangeable. Covers of all condulets for 3-wire and 3 to 2-wire moulding are interchangeable.

TYPE O CONDULETS

FOR COMBINATION CONDUIT AND MOLDING WORK



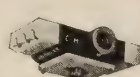
No. OC 1429



No. OC 14300



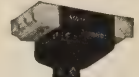
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No. OC 153312



No. OC 162200



No. OC 163300

WITH PORCELAIN AND METAL COVERS ATTACHED

Complete with Porcelain Insulators and Covers Attached

Style of Cover	Style of Conduit Std. Pkg. As'ld.	2 Wire 100	3 Wire 100	2 Wire 100	3 Wire 100	2 Wire 100	3 Wire 100
	Unit Pkg.	5	5	5	5	5	5
Porcelain	Trade No.	OC1421	OC1431	OC15221	OC15331	OC16221	OC16331
1 Wire Hole	Price Each	\$0.72	\$0.94	\$0.87	\$1.09	\$0.82	\$1.04
	Code Word	Yoym	Yoyo	Ypac	Ypaj	Ypaw	Ypax
1/8 Male	Trade No.	OC1425	OC1435	OC15225	OC15335	OC16225	OC16335
Metal	Price Each	.82	1.04	.97	1.19	.92	1.14
Nipple	Code Word	Ypbu	Ypdo	Ypfe	Ypem	Ypes	Ypev
1/8 Female	Trade No.	OC1426	OC1436	OC15226	OC15336	OC16226	OC16336
Metal	Price Each	.82	1.04	.97	1.19	.92	1.14
Nipple	Code Word	Ypew	Ypfe	Ypgi	Ypgu	Ypha	Yphi
3/8 Male	Trade No.	OC1427	OC1437	OC15227	OC15337	OC16227	OC16337
Metal	Price Each	.87	1.09	1.02	1.24	.97	1.19
Nipple	Code Word	Ypip	Ypka	Ypla	Yplu	Ypma	Ypni
3/8 Female	Trade No.	OC1428	OC1438	OC15228	OC15338	OC16228	OC16338
Metal	Price Each	.87	1.09	1.02	1.24	.97	1.19
Nipple	Code Word	Ypna	Ypno	Ypnu	Ypob	Ypol	Ypot
1/8 Male	Trade No.	OC1429	OC1439	OC15229	OC15339	OC16229	OC16339
Porcelain	Price Each	.87	1.09	1.02	1.24	.97	1.19
Nipple	Code Word	Ypox	Yppo	Ypps	Ypto	Ypuf	Ypul
1/8 Female	Trade No.	OC14210	OC14310	OC152210	OC153310	OC162210	OC163310
Porcelain	Price Each	.87	1.09	1.02	1.24	.97	1.19
Nipple	Code Word	Yput	Ypux	Ypve	Ypvo	Ypyb	Ypym
3/8 Male	Trade No.	OC14211	OC14311	OC152211	OC153311	OC162211	OC163311
Porcelain	Price Each	.97	1.20	1.12	1.35	1.07	1.30
Nipple	Code Word	Ypyt	Ypyx	Yqua	Yque	Yquo	Yrab
3/8 Female	Trade No.	OC14212	OC14312	OC152212	OC153312	OC162212	OC163312
Porcelain	Price Each	.97	1.20	1.12	1.35	1.07	1.30
Nipple	Code Word	Yrad	Yral	Yrar	Yref	Yrev	Yrgt
Blank	Trade No.	OC14200	OC14300	OC152200	OC153300	OC162200	OC163300
Metal	Price Each	.70	.90	.85	1.05	.80	1.00
	Code Word	Yria	Yrim	Yrma	Yrmi	Yrog	Yrok

Type O Condulets with Porcelain Insulators, but without Covers

Castings	Trade No.	OC142	OC143	OC1522	OC1533	OC1622	OC1633
Only	Price Each	.62	.79	.77	.94	.72	.89
	Code Word	Yrom	Yrot	Yrqu	Yrue	Yruf	Yruh

Special Standard Package Assortment

Any assortment of Type O Condulets, aggregating a total of 400 fittings, entitles purchaser to the Standard Package discount. All Condulets of the same form and for the same style of moulding may be assorted to make up a standard Package regardless of style of cover.

Covers of all condulets for 2-wire moulding are interchangeable. Covers of all condulets or 3-wire and 3 to 2-wire moulding are interchangeable.

TYPE O CONDULETS

FOR COMBINATION CONDUIT AND MOLDING WORK



No. OC 172210

No. OC 173300

No. OC 1822210

No. OC 183339

No. OC 11921

No. OC 119311

WITH PORCELAIN AND METAL COVERS

Complete with Porcelain Insulators and Covers Attached

Style of Cover	Style Condulet Std' Pkg. As'ld. Unit Package	2 Wire 100 5	3 Wire 100 5	2 Wire 100 5	3 Wire 100 5	2 Wire 100 5	3 Wire 100 5
Porcelain 1 Wire Hole	Trade No. Price Each Code Word	OC17221 \$0.87 Yrup	OC17331 \$1.09 Yrus	OC182221 \$1.02 Yrvi	OC183331 \$1.29 Yrwo	OC11921 \$0.87 Yrxo	OC11931 \$1.04 Yryg
1/8 Male Metal Nipple	Trade No. Price Each Code Word	OC17225 .97 Yrym	OC17335 1.19 Yryx	OC182225 1.12 Ysac	OC183335 1.39 Ysao	OC11925 .97 Ysap	OC11935 1.14 Ysav
1/8 Female Metal Nipple	Trade No. Price Each Code Word	OC17226 .97 Yseu	OC17336 1.19 Yrag	OC182226 1.12 Ysel	OC183336 1.39 Ysfu	OC11926 .97 Ysga	OC11936 1.14 Ysge
3/8 Male Metal Nipple	Trade No. Price Each Code Word	OC17227 1.02 Ysht	OC17337 1.24 Ysji	OC182227 1.17 Ysko	OC183337 1.44 Ysla	OC11927 1.02 Yslu	OC11937 1.19 Ysma
3/8 Female Metal Nipple	Trade No. Price Each Code Word	OC17228 1.02 Ysms	OC17338 1.24 Ysno	OC182228 1.17 Ysod	OC183338 1.44 Ysop	OC11928 1.02 Ysor	OC11938 1.19 Ysox
1/8 Male Porcelain Nipple	Trade No. Price Each Code Word	OC17229 1.02 Yspe	OC17339 1.24 Yssee	OC182229 1.17 Yssu	OC183339 1.44 Ysto	OC11929 1.02 Ysug	OC11939 1.19 Ysuv
1/8 Female Porcelain Nipple	Trade No. Price Each Code Word	OC172210 1.02 Ysya	OC173310 1.24 Ysve	OC1822210 1.17 Ysyd	OC1833310 1.44 Ysyv	OC119210 1.02 Ysyv	OC119310 1.19 Ysyx
3/8 Male Porcelain Nipple	Trade No. Price Each Code Word	OC172211 1.12 Ytah	OC173311 1.35 Ytaj	OC1822211 1.27 Ytat	OC1833311 1.55 Ytav	OC119211 1.12 Ytax	OC119311 1.30 Ytea
3/8 Female Porcelain Nipple	Trade No. Price Each Code Word	OC172212 1.12 Ytel	OC173312 1.35 Yteo	OC1822212 1.27 Ytet	OC1833312 1.55 Ytex	OC119212 1.12 Ytgi	OC119312 1.30 Ytha
Blank Metal	Trade No. Price Each Code Word	OC172200 .85 Yths	OC173300 1.05 Ytib	OC1822200 1.00 Ytje	OC1833300 1.25 Ytju	OC119200 .85 Ytki	OC119300 1.00 Ytla

Type O Condulets with Porcelain Insulators, but without Covers

Castings Only	Trade No. Price Each Code Word	OC1722 .77 Ytna	OC1733 .94 Ytod	OC18222 .92 Ytol	OC18333 .14 Ytop	OC1192 .77 Ytor	OC1193 .89 Ytov
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Special Standard Package Assortment

Any assortment of Type O Condulets, aggregating a total of 400 fittings, entitles purchaser to the Standard Package discount. All condulets of the same form and for the same style of molding may be assorted to make up a Standard Package regardless of style of cover.


Covers of all Condulets for 2-wire molding are interchangeable.

Covers of all condulets for 3-wire and 3 to 2-wire molding are interchangeable.


GASKETS, SCREWS AND STOVE BOLTS

COVER GASKETS

For Types A, B, C, D, E, F, LB, LF, LL, LR, T, TL, TR, U and X Condulets


	Size of Conduit..	½-inch	¾-inch	1-inch	1½-inch	1½-inch	2-inch	2½-inch	3-inch
 Gask 1	Trade No..	045563	045564	045565	045566	045567	045568	045569	045570
	Mfrs. No. .	Gask 1	Gask 2	Gask 3	Gask 4	Gask 5	Gask 6	Gask 7	Gask 8
	Std. Pkg. .	200	100	50	25	25	25	25	25
	Price Each	\$0.10	.10	.15	.20	.20	.25	.40	.40
	Code Word	Akupe	Akuph	Akurb	Akurg	Akurl	Akurm	Akurs	Akusu

COUPLING GASKETS—For Type F Condulets

	Size of Conduit ..	½-inch	¾-inch	1-inch	1½-inch	1½-inch	2-inch	2½-inch	3-inch
 Gask 11	Trade No. .	045571	045572	045573	045574	045575	045576	045577	045578
	Mfrs. No. .	Gask 11	Gask 12	Gask 13	Gask 14	Gask 15	Gask 16	Gask 17	Gask 18
	Std. Pkg. .	100	100	50	25	25	25	25	25
	Price Each.	\$0.05	.05	.08	.10	.10	.15	.20	.20
	Code Word.	Akuth	Akuvu	Akuwe	Akuxi	Akuya	Akvae	Akvak	Akval


COVER GASKETS

For Types G, GL, GT, GX, H and HA Condulets

For ½, ¾, and 1-inch Condulets			
 Gask 21	Trade No..	045579	045580
	Mfrs. No. .	Gask 21	Gask 22
	Std. Pkg. .	150	75
	Price Each	\$0.10	.15
	Code Word	Akvam	Akvat
	Size Cover	5, 10 Amp.	20 Amp.


GASKETS

For Types J, JA, JB, JL, JT, JX, K, KA, KB, KC and KD

For ½, ¾, and 1-inch Condulets			
 Gask 23	Trade No.	045581	
	Mfrs. No.	Gask 23	
	Std. Pkg.	200	
	Price Each.....	\$0.10	
	Code Word	Akvep	


GLOBE GASKETS

For Types V, VC, VL, VT, VX and VA Condulets

For ½, ¾ and 1-inch Condulets			
 Gask 24	Trade No.	045582	
	Mfrs. No.	Gask 24	
	Std. Pkg.	75	
	Price Each	\$0.15	
	Code Word	Akves	

GLOBE GASKETS

For Types VH, VHC, VHL, VHT, VHx and VHA

For ½, ¾, and 1-inch Condulets			
 Gask 25	Trade No.	045583	
	Mfrs. No.	Gask 25	
	Std. Pkg.	75	
	Price Each.....	\$0.20	
	Code Word	Akvet	

SWIVEL SCREWS

For Attaching Porcelain Covers, Switches and Fittings to Swivels

TYPE OF CONDULETS	TYPES G, GL, GT, GX, H, HA, ZC, ZD, ZS AND ZX	
Size of Conduit	½, ¾ AND 1-INCH	
	5 and 10 Amperes	20 Amperes
Size Screw ...	5/8 x 6—32	7/8 x 8—32
Trade No.	045584	045585
Mfrs. No.	Screw 4	Screw 6
Std. Pkg.	500	500
Price per 100.	\$1.00	1.75
Code Word ..	Akvex	Akvfu

For Attaching Metal Covers to Swivel

TYPE OF CONDULET	TYPES G, GL, GT, GX, H AND HA	
Size of Conduit	½, ¾, AND 1-INCH	
	5 and 10 Amperes	20 Amperes
Size Screw ..	5/8 x 6—32	5/8 x 8—32
Trade No.	045586	045587
Mfrs. No.	Screw 4	Screw 2
Std. Pkg.	500	500
Price per 100.	\$1.00	1.00
Code Word ...	Akvhu	Akvia

SWIVEL SCREWS

For Attaching Swivel to Condulets

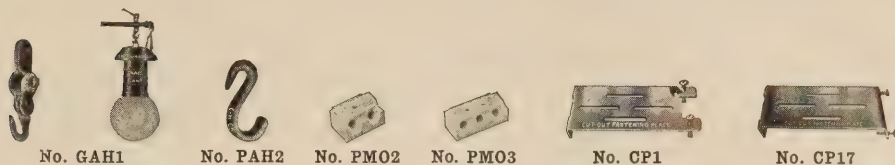
TYPE OF CONDULETS	TYPES G, GL, GT, GX, H, HA, ZC, ZD, ZX, QHA, QHB, QHC, QHL, QHT, QKA, QKB, QKC, QKL AND QKT	
Size of Conduit	Swivel Fastening Screws	
½, ¾ and 1-inch Condulets	5, 10 and 20 Amp.	
Size Screw...	5/16 x 8—32	
Trade No.	045588	
Mfrs. No.	Screw 2	
Std. Pkg.	500	
Price per 100.	\$1.00	
Code Word...	Akvio	

STOVE BOLTS WITH NUTS FOR SWITCH STRAPS

For Attaching Swivel to Switches

TYPE OF CONDULETS	TYPES QHA, QHB, QHC, QHL, QHT, QKA, QKB, QKC, QKL, AND QKT	
Size of Conduit	½, ¾, AND 1-INCH	
	5 and 10 Amperes	20 Amperes
Size Bolt....	7/8 x 1½	1½ x 5/8
Trade No.	045589	045590
Mfrs. No.	Bolt 1	Bolt 3
Std. Pkg.	500	500
Price per 100.	\$2.25	2.35
Code Word..	Akviv	Akvju

HOOKS, INSULATORS AND FASTENING PLATES



HOOKS FOR ARC LAMPS, CEILING FANS AND SIMILAR INSTALLATIONS

Hooks Arranged for Guy Wire				Plain Hooks		
For Size of Conduit.....	1/2-inch	3/4-inch	1-inch	For Size of Conduit.....	1/2, 3/4-inch	1-inch
Trade No.....	064760	064761	064762	Trade No.....	064763	064764
Mfrs. No.....	GAH1	GAH2	GAH3	Mfrs. No.....	PAH2	PAH3
Std. Pkg. not As'td.....	50	50	50	Std. Pkg. not As'td.....	50	50
Unit Package not As'td...	5	5	5	Unit Pkg. not As'td.....	5	5
Price Each.....	\$0.45	.45	.50	Price Each.....	\$0.20	.20
Code Word.....	Assyx	Astah	Astaj	Code Word.....	Astas	Astat

PORCELAIN INSULATORS FOR TYPES M AND O CONDULETS

For Two-Wire Molding			For Three-Wire Molding		
Trade No.....	064765		Trade No.....	064766	
Mfrs. No.....	PMO2		Mfrs. No.....	PMO3	
Std. Pkg.....	200		Std. Pkg.....	200	
Unit Pkg.....	10		Unit Pkg.....	10	
Price Each.....	\$0.15		Price Each.....	\$0.20	
Code Word.....	Astax		Code Word.....	Astax	

CUT-OUT FASTENING PLATES

For 3-30 Ampere Cut-Outs

Type of Condulet.....	YC	YC	YS	YS	YD&YX	YD&YX	FF	FF
Style of Cut-Out.....	2-Wire	3-Wire	2to2-W.	3to3-W.	2to2 and 3to2-W.	3to3-W.	2and3-W.	4-Wire
Trade No.....	064767	064768	064769	064770	064771	064772	064773	064774
Mfrs. No.....	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8
Std. Pkg.....	25	25	25	25	25	25	25	25
Price Each.....	\$0.25	.30	.25	.35	.45	.65	.25	.45
Code Word.....	Astca	Astel	Asteo	Astet	Astev	Astex	Astgi	Astgu

For 31-60 Ampere Cut-Outs

Type of Condulet.....	YC	YC	YS	YS	YD&YX	YD&YX	FF	FF
Style of Cut-Out.....	2-Wire	3-Wire	2to2-W.	3to3-W.	2to2 and 3to2-W.	3to3-W.	2and3-W.	4-Wire
Trade No.....	064775	064776	064777	064778	064779	064780	064781	064782
Mfrs. No.....	CP9	CP10	CP11	CP12	CP13	CP14	CP15	CP16
Std. Pkg.....	25	25	25	25	25	25	25	25
Price Each.....	\$0.35	.45	.40	.55	.95	1.30	.45	.85
Code Word.....	Astha	Asths	Astib	Astif	Astje	Astju	Astki	Astko

Cut-Out Plates for Type ZC, ZS, ZD and ZX Condulets

Cut-Out Plates for 3-30 Ampere 600 Volt Cut-Outs

Type of Condulet....	ZC	ZS	ZD&ZX	Type of Condulet.....	FF	FF
Switch Capacity of Condulet.....	5, 10 and 20 Amp.	5, 10 and 20 Amp.	5, 10 and 20 Amp.	Style of Cut-Out.....	2-Wire	3 and 4-Wire
Trade No.....	064783	064784	064785	Trade No.....	064786	064787
Mfrs. No.....	CP17	CP18	CP19	Mfrs. No.....	CP20	CP21
Std. Pkg.....	25	25	25	Std. Pkg.....	25	25
Price Each.....	\$0.20	.25	.35	Price Each.....	\$0.40	.75
Code Word.....	Astla	Astna	Astod	Code Word.....	Astok	Astol

One size of cut-out fastening plate is made to fit all sizes of condulets of the same type and designed for the same style or styles of cut-out.

SCREWS AND STOVE BOLTS

SCREWS FOR PORCELAIN WIRE HOLE COVERS

For Types A, B, C, C, D, E, F, LB, LF, LL, LR, T, TL, TR, U and X Condulets

Size of Condulets	$\frac{1}{2}$ and $\frac{3}{4}$ -inch	1-inch	1 $\frac{1}{4}$ -inch	1 $\frac{1}{2}$ -inch	2-inch	2 $\frac{1}{2}$ and 3-inch
Size of Screw.....	$\frac{5}{8}$ x 6-32	$\frac{7}{16}$ x 8-32	1 x 12-24	1 $\frac{1}{4}$ x 12-24	1 $\frac{1}{4}$ x 12-24	1 $\frac{1}{4}$ x 12-24
Trade No.....	045595	045596	045597	045598	045599	045600
Mfrs. No.....	Screw 4	Screw 6	Screw 7	Screw 3	Screw 3	Screw 3
Std. Pkg.....	500	500	500	500	500	500
Price per 100.....	\$1.00	1.75	3.60	4.30	4.30	4.30
Code Word.....	Akvki	Akvna	Akvoc	Akvof	Akvol	Akvos

SCREWS FOR PORCELAIN NIPPLE COVERS

For Types A, B, C, D, E, LB, LF, LL, LR, T, TL, TR, U and X Condulets

Size of Condulets	$\frac{1}{2}$ and $\frac{3}{4}$ -inch	1-inch	1 $\frac{1}{4}$ -inch	1 $\frac{1}{2}$ -inch	2-inch	2 $\frac{1}{2}$ and 3-inch
Size of Screw.....	$\frac{5}{8}$ x 6-32	$\frac{5}{8}$ x 8-32	$\frac{5}{8}$ x 12-24	$\frac{3}{4}$ x 12-24	1 $\frac{1}{4}$ x 12-24	1 $\frac{1}{4}$ x 12-24
Trade No.....	045601	045602	045603	045604	045605	045606
Mfrs. No.....	Screw 4	Screw 18	Screw 19	Screw 21	Screw 3	Screw 3
Std. Pkg.....	500	500	500	500	500	500
Price per 100.....	\$1.00	1.30	2.25	4.30	4.30	4.30
Code Word.....	Akvpi	Akvra	Akvro	Akvta	Akvto	Akvua

SCREWS FOR METAL COVERS

For Types A, B, C, D, E, LB, LF, LL, LR, T, TL, TR, U and X Condulets

Size of Condulet	$\frac{1}{2}$ and $\frac{3}{4}$ -inch	1-inch	1 $\frac{1}{4}$ -inch	1 $\frac{1}{2}$ -inch	2-inch	2 $\frac{1}{2}$ and 3-inch
Size of Screw.....	$\frac{5}{16}$ x 6-32	$\frac{5}{16}$ x 8-32	$\frac{3}{8}$ x 12-24	$\frac{3}{8}$ x 12-24	$\frac{3}{8}$ x 12-24	$\frac{3}{8}$ x 12-24
Trade No.....	045607	045608	045609	045610	045611	045612
Mfrs. No.....	Screw 1	Screw 2	Screw 11	Screw 11	Screw 11	Screw 11
Std. Pkg.....	500	500	500	500	500	500
Price per 100.....	\$0.80	1.00	1.70	1.70	1.70	1.70
Code Word.....	Akvtr	Akvts	Akvux	Akvwe	Akvyc	Akvyf

For Type DF Condulets

PORCELAIN WIRE HOLE COVERS

Size of Condulet	$\frac{1}{2}$ x $\frac{3}{4}$ -inch	1-inch
Size Screw.....	$\frac{5}{8}$ x 6-32	$\frac{7}{8}$ x 8-32
Trade No.	045613	045614
Mfrs. No.	Screw 4	Screw 6
Std. Pkg.	500	500
Price per 100....	\$1.00	1.75
Code Word....	Akwag	Akwak

For Types M and O Condulets

Style of Cover	Porcelain Wire Hole Covers	Porcelain Nipple Covers	Metal Cover
Size Screw.....	$\frac{3}{4}$ x 6-32	$\frac{3}{4}$ x 6-32	$\frac{5}{8}$ x 6-32
Trade No.	045615	045616	045617
Mfrs. No.	Screw 20	Screw 20	Screw 1
Std. Pkg.	500	500	500
Price per 100....	\$1.20	1.20	.80
Code Word....	Akwao	Akwce	Akwap

SCREWS FOR METAL COVERS

Types FD, FDC, FS, and FSC Condulets

Size Condulets	$\frac{1}{2}$, $\frac{3}{4}$ and 1-inch
Size Screw.....	$\frac{1}{2}$ x 6-32
Trade No.....	045618
Mfrs. No.....	Screw 13
Std. Pkg.....	500
Price per 100.....	\$0.80
Code Word.....	Akwev

For Types S, SC, SL, ST, SX, W, WC, WL, WT and WX Condulets

Size Condulets	$\frac{1}{2}$, $\frac{3}{4}$ and 1-inch
Size Screw.....	$\frac{1}{2}$ x 6-32
Trade No.....	045619
Mfrs. No.....	Screw 12
Std. Pkg.....	500
Price per 100.....	\$0.80
Code Word.....	Akwir

SCREW FOR METAL COVERS

DETACHABLE RINGS

For Types N, NC, NL, NT, NX, QKA, QKB, QKC, QKL, and QKT Condulets

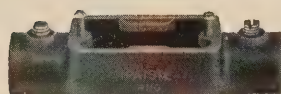
Size Condulets	$\frac{1}{2}$, $\frac{3}{4}$ and 1-inch
Size Screw.....	$\frac{5}{16}$ x 6-32
Trade No.....	045620
Mfrs. No.....	Screw 1
Std. Pkg.....	500
Price per 100.....	\$0.80
Code Word.....	Akwis

For Types R, RC, RL, RT, RX, and RA, Condulets

Size Condulets	$\frac{1}{4}$, $\frac{3}{4}$ and 1-inch
Size Screw.....	$\frac{1}{2}$ x 12-24
Trade No.....	045621
Mfrs. No.....	Screw 16
Std. Pkg.....	500
Price per 100.....	\$2.00
Code Word.....	Akwoa

PIPE TAPLETS

NATIONAL CODE STANDARD



Type C



Type E



Type A



Type B



Type T

Pipe Taplets are a series of nine types of iron pipe fittings with the wiring openings so "standardized" that one size of covers fits all styles of the $\frac{1}{2}$, $\frac{3}{4}$ and 1-inch sizes, and another size cover fits the $1\frac{1}{4}$ and $1\frac{1}{2}$ -inch sizes, so that only two sizes of covers are required for Pipe Taplets used on five sizes of pipe.

The extreme simplicity and economy of conduit work with Pipe Taplets can be fully appreciated only by those who have actually used them. The fittings which may be used on Pipe Taplets can be divided into two classes—first, those which may be wired directly to the Pipe Taplet, such as Fielding Receptacles; and second, those which may be indirectly used by first attaching same to a bracket cover or a switch fitting and then fastening the combination to the Pipe Taplet.

The first class is naturally both cheaper and easier to wire, and it has been the aim to standardize as much of Paiste wiring material as possible by re-spacing the supporting screw holes, so that along with Fielding's may now be used Paiste K-W and Pony Rosettes, wall receptacles with insulated base, etc., etc.

TYPE C

Trade No.	Mfrs. No.	Size Pipe Inches	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
07645	4110	$\frac{1}{2}$	200	175	\$0.36
07646	4120	$\frac{3}{4}$	100	127	.46
07647	4130	1	50	90	.74
07648	4140	$1\frac{1}{4}$	20	75	.94
07649	4150	$1\frac{1}{2}$	10	45	1.34

TYPE E

07650	4111	$\frac{1}{2}$	200	138	.29
07651	4121	$\frac{3}{4}$	100	110	.40
07652	4131	1	50	74	.65
07653	4141	$1\frac{1}{4}$	20	60	.80
07654	4151	$1\frac{1}{2}$	10	40	1.16

TYPE A

07655	4112	$\frac{1}{2}$	200	135	.24
07656	4122	$\frac{3}{4}$	100	110	.36
07657	4132	1	50	75	.58
07658	4142	$1\frac{1}{4}$	20	60	.62
07659	4152	$1\frac{1}{2}$	10	40	.92

TYPE B

07660	4113	$\frac{1}{2}$	200	158	.29
07661	4123	$\frac{3}{4}$	100	120	.41
07662	4133	1	50	75	.65
07663	4143	$1\frac{1}{4}$	20	65	.80
07664	4153	$1\frac{1}{2}$	10	40	1.16

TYPE T

07665	4114	$\frac{1}{2}$	150	180	.48
07666	4124	$\frac{3}{4}$	75	135	.62
07667	4134	1	50	115	.95
07668	4144	$1\frac{1}{4}$	20	85	1.22
07669	4154	$1\frac{1}{2}$	10	50	1.81

SPECIAL TYPE T

Trade No.	Mfrs. No.		Std. Pkg.	Price Each
015790	4170	$\frac{1}{2}$ -inch mains, $\frac{3}{4}$ -inch branch	100	\$0.56
015791	4171	$\frac{3}{4}$ -inch mains, $\frac{1}{2}$ -inch branch	75	.60
015792	4172	1-inch mains, $\frac{3}{4}$ -inch branch	50	.95

PIPE TAPLETS

NATIONAL CODE STANDARD



Type X



Type U



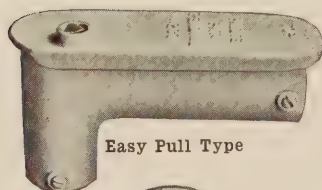
Type LR



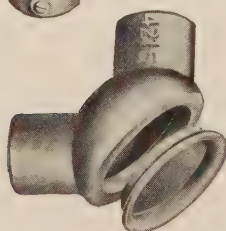
Type LL



Elbow Type



Easy Pull Type



Round Type

TYPE X

Trade No.	Mfrs. No.	Size Pipe Inches	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
064967	4116	$\frac{1}{2}$	150	108	\$0.60
064968	4126	$\frac{3}{4}$	75	95	.82
064969	4136	1	50	125	1.20
064970	4146	$1\frac{1}{4}$	20	95	1.24
064971	4156	$1\frac{1}{2}$	10	60	1.90

TYPE U

064972	4117	$\frac{1}{2}$	100	110	.52
064973	4127	$\frac{3}{4}$	50	70	.62
064974	4137	1	40	80	1.00
064975	4147	$1\frac{1}{4}$	20	75	1.19
064976	4157	$1\frac{1}{2}$	10	45	1.64

TYPE LR

064977	4118	$\frac{1}{2}$	200	175	.40
064978	4128	$\frac{3}{4}$	100	120	.50
064979	4138	1	50	90	.80
064980	4148	$1\frac{1}{4}$	20	75	1.04
064981	4158	$1\frac{1}{2}$	10	45	1.49

TYPE LL

064982	4119	$\frac{1}{2}$	200	175	.40
064983	4129	$\frac{3}{4}$	100	120	.50
064984	4139	1	50	90	.80
064985	4149	$1\frac{1}{4}$	20	75	1.04
064986	4159	$1\frac{1}{2}$	10	45	1.49

An assortment of Types LR and LL pipe taplets of same size is allowed to make up standard package quantity.

SERVICE ELBOW TYPE

064987	4115	$\frac{1}{2}$	100	105	.60
064988	4125	$\frac{3}{4}$	50	75	.70
064989	4135	1	40	72	.90

These service elbows are always shipped galvanized unless ordered otherwise.

The above prices on elbow type taplets include blank metal covers and gasket.

EASY PULL TYPE

054400	4230	1	40	120	.90
054401	4231	$1\frac{1}{4}$	20	110	1.20
054402	4232	$1\frac{1}{2}$	10	75	1.60

These new pull elbows have a specially formed cover which needs no rubber gasket to make it watertight. It is especially adapted to large work on account of the very large opening for handling the wires around the bend.

ROUND TYPE

054403	4215	$\frac{1}{2}$	100	78	.60
054404	4216	$\frac{3}{4}$	50	56	.70

The covers of this round style are made of $\frac{1}{16}$ -inch steel and are so formed that they not only close the opening with a watertight fit, but when driven home can only be taken off by considerable force.

FITTINGS FOR PIPE TAPLETS

NATIONAL CODE STANDARD



Top View, showing Tap Block No. 5297 in place in $\frac{1}{2}$ -inch Type "C" Pipe Taplet



Side View of Tap Block in place, showing how the Tap Block sets entirely within the Pipe Taplet

PIPE TAPLET TAP BLOCKS

Trade No.	Mfrs. No.		Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
054461	5297	Socket tap	100	30	\$0.17

This tap block is one of the best things ever brought out. If you have ever wired a socket or round base receptacle or rosette by soldering on "tap" wires in a conduit fitting, you will quickly see the advantages in time and labor saved by using it.

It is so designed as to set entirely within the wiring opening of all $\frac{1}{2}$, $\frac{3}{4}$, and 1-inch Pipe Taplets, as shown in the illustrations above.

In using it, the main wires running through the pipe are to be looped through the tap block and bared about $\frac{3}{8}$ -inch to fasten under the binding-screw. This is all that is required, as the branch wires are to be fastened to the same contact plates and nothing remains but to fasten the desired socket or receptacle to the pipe taplet and wire in the usual way to the tap wires.

It can be used as easily for making branches in Type T or Type X Pipe Taplets, and we believe will quickly supersede No. 5256. As it sets entirely within the Pipe Taplet, the plain metal cover No. 5257 may be used.

PIPE TAPLET TAPS

Trade No.	Mfrs. No.		Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
054462	5256	Branch tap	100	36	\$0.25
054463	5254	Molding tap	100	35	.25

The fittings shown here are for making a branch in pipe without any soldering of the wires.

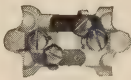
To wire this Pipe Taplet Tap, the button part sets over the Pipe Taplet opening as with a standard fielding receptacle or rosette, the main wires loop up over it and are bared to set under set screws, and the branch wires, coming in from the "T," are then to be taken off from the other set screws.

For this molding tap, the cover is pierced with two holes so that the wires from the pipe, when it is desired to come out in molding can be carried straight through. Double braided wire is necessary for iron conduit, while single braided will do for wood molding. When it is desired to change from the two styles of wire, this change can be made at the button.

These fittings may be assorted to make standard package quantity.



Side View



Top View

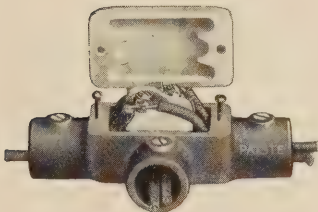
No. 5297 Tap Block



No. 5256



No. 5254



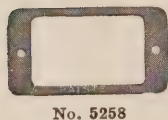
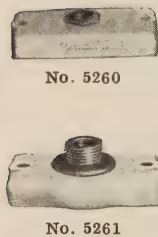
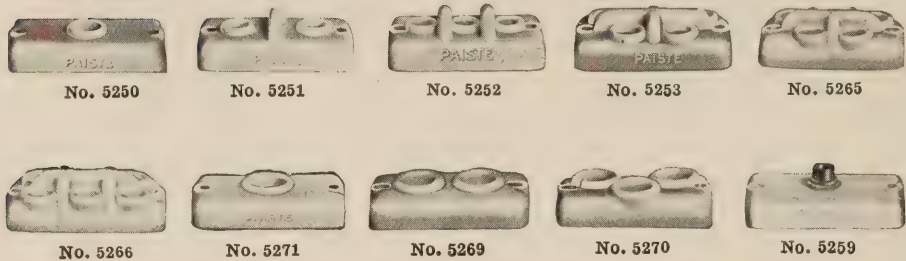
No. 5256
with No. 4114 Pipe Taplet



Showing use of No. 5254
changing from Molding
Wiring to Pipe Work

COVERS FOR PIPE TAPLETS

NATIONAL CODE STANDARD



SIZE 1 COVERS FOR 1/2, 3/4 AND 1-INCH PIPE TAPLETS

Porcelain, With Holes 1 1/2-inch in Diameter						
Trade No.	Mfrs. No.	No. Holes	Std. Pkg.	Pkg. Wt. Lbs.	Price Each	
013580	5250	1	200	50	\$0.10	
013581	5251	2	200	50	.10	
013582	5252	3	200	50	.10	
013583	5253	4	200	50	.10	
013584	5265	5	200	50	.10	
013585	5266	6	200	50	.10	

Porcelain, With Holes 1 1/8-inch in Diameter						
013586	5271	1	200	50	.10	
013587	5269	2	200	50	.10	
013588	5270	3	200	50	.10	

The large hole covers are particularly useful for use with Outlet Hoods.

Porcelain, With Metal Bushings						
013589	5259	1/8-in. male nipple	200	70	.25	
013590	5260	1/8-in. female nipple	200	70	.25	
013591	5261	3/8-in. male nipple	200	70	.35	
013592	5262	3/8-in. female nipple	200	70	.35	

Blank Metal						
013593	5257	Plain cover	200	30	.08	
014400	5274	3/8-in. male thread	200	40	.25	

Covers for Weatherproof Sockets						
014401	5292		200	62	.16	

One size of all covers and fittings is all that is necessary for 1/2, 3/4, and 1 inch Pipe Taplets, as the wiring opening for the three sizes is the same.

All covers, with or without nipples, may be assorted to make standard package quantity.

If proper covers are ordered to go with standard package of any style of Pipe Taplets, the standard package discount will be allowed on both Pipe Taplets and Covers.

RUBBER GASKETS

014402	5258	200	10	.10
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COVERS FOR PIPE TAPLETS

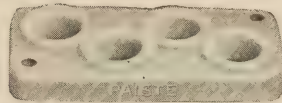
NATIONAL CODE STANDARD



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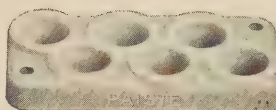
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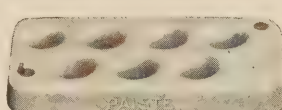
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No. 5283



No. 5284



No. 5285

SIZE 2 COVERS FOR 1¼ AND 1½-INCH PIPE TAPLETS



No. 5286

Porcelain Covers

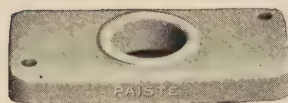
Trade No.	Mfrs. No.	No. Holes	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
015770	5280	2	20	25	\$0.36
015771	5281	3	20	25	.36
015772	5282	4	20	25	.36
015775	5283	5	20	25	.36
015776	5284	6	20	25	.36
015777	5285	7	20	25	.36
015780	5286	8	20	25	.36
015781	5279	1, ½ in. dia.	20	25	.36
015782	5291	1, 1¼ in. dia.	20	25	.36



No. 5279

Metal Covers

015785	5278	Plain metal	20	25	.32
015786	5296	Special metal	24	20	.39



No. 5291

The special metal cover, No. 5296, listed above, has an opening of the exact shape and size of the wiring opening of ½, ¾ and 1-inch Pipe Taplets. By its use every form of sockets, snap switches rosettes and all special fittings may be applied to the large sizes of Pipe Taplets.

All of the above covers may be assorted to make standard package quality.

If proper covers are ordered, to go with standard package of any style of Pipe Taplets, the standard package discount will be allowed on both Pipe Taplets and Covers.



No. 5278



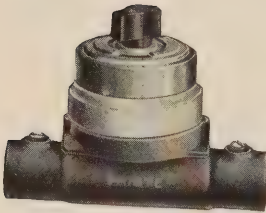
No. 5296

FITTINGS FOR PIPE TAPLETS

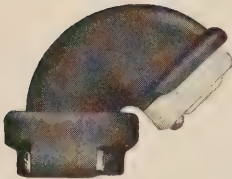
NATIONAL CODE STANDARD



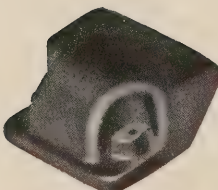
No. 5264



Nos. 5264 and 4110
with 10 Amp. Switch



No. 4183



No. 5267

SWITCH FITTINGS FOR PIPE TAPLETS

Trade No.	Mfrs. No.	Size Switch Amps.	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
074876	5263	5	200	73	\$0.20
074877	5264	10	200	72	.20
074878	5268	20	100	40	.28

It is often necessary to use a snap switch, or a rosette, or a round base receptacle on pipe work, applying it to some one of the regular forms of conduit fittings.

With Pipe Taplets a duplicate line of fittings with a round opening was not made, but merely a small inexpensive adaptive fitting with one side to fit the Pipe Taplet wiring opening and the other round so as to take any round base standard wiring device.

These switch fittings are made in three sizes and are to be used on any type of $\frac{1}{2}$, $\frac{3}{4}$ or 1-inch Pipe Taplets, and with them an almost unlimited field of material is opened up for electrical wiring with rigid conduit.

TYPE F PIPE TAPLETS—OUTLET HOODS

Hoods without Covers

Trade No.	Mfrs. No.	Size Conduit Inches	Std. Pkg.	Price Each
074879	4180	$\frac{1}{2}$	100	\$0.50
074880	4181	$\frac{3}{4}$	100	.70
074881	4182	1	50	1.20
074882	4183	$1\frac{1}{4}$	20	1.64
074883	4184	$1\frac{1}{2}$	10	2.29

Hoods with Plain Porcelain Covers

Trade No.	Mfrs. No.	No. Holes in Cover	Price Each
074884	4180	1 to 6	\$0.60
074885	4181	1 to 6	.80
074886	4182	1 to 6	1.30
074887	4183	1 to 8	2.00
074888	4184	1 to 8	2.65

In ordering, be sure to specify number of holes in the covers desired.

In this new Type F taplet, the bottom of the hood part ends in a flange around which has been securely riveted a loose threaded coupling. The end of the pipe to which the hood is to be fastened, sets up into the recess in the flange, and then with a wrench the loose coupling is iscrewed down on the pipe. This method insures an absolutely watertight joint and allows the hood to be pointed in any direction before screwing up the coupling.

OUTLET HOOD FITTINGS ONLY

For $\frac{1}{2}$, $\frac{3}{4}$, and 1-inch Pipe Taplets

Trade No.	Mfrs. No.	Hood only	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
074889	5267	Hood only	100	110	\$0.34

For $1\frac{1}{4}$ and $1\frac{1}{2}$ -inch Pipe Taplets

074890	5287	Hood only	20	80	1.02
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OUTLET HOODS COMPLETE

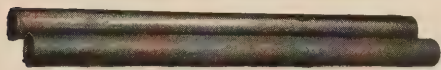
With Fitting No. 5267 and Plain Porcelain Covers 1 to 6-Hole

Trade No.	Size Inches	No. of Taplet for Use on	Price Each
074891	$\frac{1}{2}$	4112	\$0.68
074892	$\frac{3}{4}$	4122	.80
074893	1	4132	1.02

With Fitting No. 5287 and Plain Porcelain Covers, 1 to 8-Hole

074894	$1\frac{1}{4}$	4142	2.00
074895	$1\frac{1}{2}$	4152	2.30

ORANGEBURG FIBRE CONDUITS



Socket Joint Type



Sleeve Joint Type



Screw Joint Type



Linaduct

Trade No.	Inside Diameter Inches	Length in Feet	Thickness of Wall in Inches	Approximate Average Wt. per Foot in Pounds	Feet per 100 Pounds	Approximate Shipping Wt. per 100 feet in L. C. Lots Crated in Pounds	Code Word
044870	*1	2½	¼	0.38	264	75	Ahjas
044871	1½	5	¼	0.70	142	110	Ahjax
044872	2	5	¼	0.85	117	130	Ahjbi
044873	2½	5	¼	1.02	98	150	Ahjcu
044874	3	5	¼	1.20	83	170	Ahjea
044875	3½	5	¼	1.45	69	205	Ahjex
044876	4	5	¼	1.62	62	240	Ahjhu
SOCKET JOINT TYPE							
044877	1	2½	¼	0.4	250	80	Ahjik
044878	1½	5	¼	0.74	135	115	Ahjil
044879	2	5	¼	0.90	111	140	Ahjim
044880	2½	5	¼	1.10	91	160	Ahjir
044881	3	5	¼	1.30	77	180	Ahjku
044882	3½	5	7/16	2.5	40	325	Ahja
044883	4	5	1/2	3.2	31	455	Ahjle
SLEEVE JOINT TYPE							
044884	*1½	5	5/16	0.85	117	140	Ahjme
044885	*2	5	3/8	1.32	75	175	Ahjmo
044886	*2½	5	3/8	1.65	60	220	Ahjnr
044887	3	5	7/16	2.20	45	275	Ahjof
044888	3½	5	7/16	2.5	40	325	Ahjoh
044889	4	5	1/2	3.2	31	455	Ahjok
SCREW JOINT TYPE							
044890	2	5	1/8	0.55	180	85	Ahjoy
044891	*2½	5	1/8	0.65	153	95	Ahjpo
044892	3	5	1/8	0.75	133	110	Ahjra
044893	3½	5	1/8	0.85	117	140	Ahjte
LINADUCT							

*These sizes made to order only.

Prices quoted on application.

STANDARD SPECIFICATIONS FOR FIBRE CONDUIT

General

- 1.—It shall be thoroughly saturated with insulating compound.
- 2.—The walls shall be compact and incapable of separation into layers when heated to 212° Fahr.

3.—The material shall not be affected by acids which may be present in the ground and shall itself be free from all substances which might corrode the sheath of leaded cable.

4.—The bore shall be straight, the cross section shall not vary at any point more than 1/8-inch from a true circle, and the inner surface shall be free from dents or other obstructions, as gauged by ability to pass a 36-inch long mandrel of 1/4-inch less diameter than the nominal size of the conduit.

5.—The inner surface shall be free from a considerable excess of compound and from rough or flaky areas.

6.—Short length will be furnished to the extent of 5% of each shipment, consisting of one carload or more.

Socket Joint Type

7.—The mortise and tenon shall be a snug fit and 3/8-inch long, slightly tapered. The insulating properties of the material shall enable it to withstand a puncture test of 25,000 volts alternating current.

Sleeve Joint Type

8.—The sleeve and the ends of the conduit shall be turned to fit snugly.

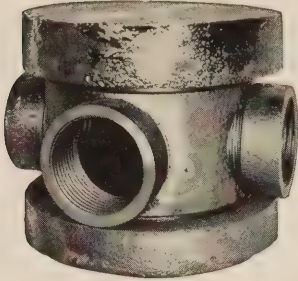
Linaduct

9.—The sleeves shall fit the ends sufficiently to secure alignment and exclude concrete from the joints.

Screw Joint Type

10.—The screw thread cut on the ends of each length and on couplings shall be four to the inch, U. S. Standard. The ends shall be squared and faced so as to meet all around when screwed into the coupling.

ORANGEBURG FIBRE FITTINGS



Junction Box



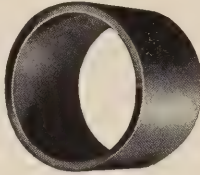
Tee



Cross



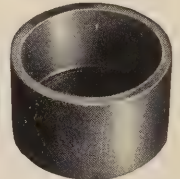
Elbow



Coupling



Reducer



Cap

JUNCTION BOXES

Fibre Junction Boxes can be used with either screw, sleeve or socket joint conduit.

They are made two, three, and four-way.

The inside dimensions are, approximately, 8x8 inches and the weight is 16 pounds.

FITTINGS

These fittings are made throughout of the same material as is used in the manufacture of Orangeburg fibre conduit.

Wet wood pulp is made into the different forms as illustrated. The wet pulp structure is then dried in the usual manner, after which it is placed in a vat of liquid compound, which is both insulating and preservative, where it remains until the compound thoroughly permeates the entire pulp structure.

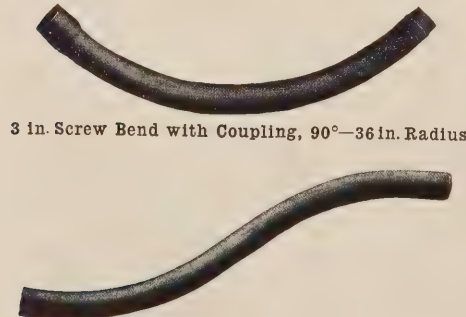
Joints are then cut, in a lathe, to make a socket, sleeve or screw connection.

BENDS

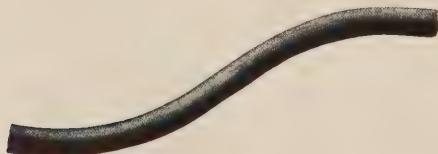
In producing these bends the conduit is first formed in the usual manner.

When the wet pulp structure is removed from the mandrel, it is bent on a special form to the radius and degree desired; after which it is dried and thoroughly saturated with the insulating and preservative compound.

STANDARD BENDS



3 in. Screw Bend with Coupling, 90°-36 in. Radius



3 in. Socket Bend-S Type

Inside Diam. Ins.	Length in Ft.	45° AND 90° BENDS		"S" BENDS	
		Radius	Ins. Made	Offset Ins.	Radius Ins.
1	2½	18		10	8
1½	5	18-24	36	20	36
2	5	18-24	36	20	36
2½	5	24-36		20	36
3	5	36		20	36
3½	5	36		20	36
4	5	36		20	36

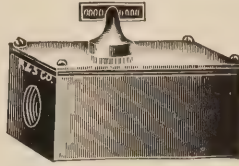
Write for special catalogue giving detailed drawings and descriptions.

Special fittings can be made upon receipt of specifications.

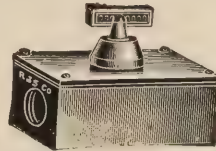
W. T. SWITCHES AND RECEPTACLES



Nos. 520-520B-520C-520D



Nos. 521-521B



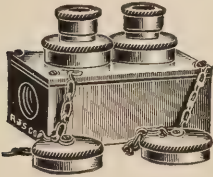
Nos. 496-496B



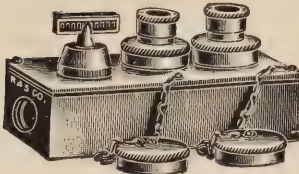
Nos. 494-494B

SWITCHES AND RECEPTACLES

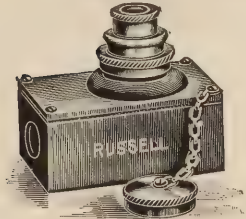
Trade No.	Mfrs. No.		Price Each	Code Word
064277	520	10 amp. double pole switch in iron box	\$3.75	Asgno
064278	520B	10 amp. double pole switch in brass box	4.50	Asgnu
064279	520C	10 amp. three way switch in iron box	3.75	Asgof
064280	520D	10 amp. three way switch in brass box	4.50	Asgog
064281	521	25 amp. double pole switch in iron box	4.50	Asgok
064282	521B	25 amp. double pole switch in brass box	5.00	Asgon
064283	496	10 amp. S. P. switch for straight away conduit	5.00	Agsov
064284	494	10 amp. S. P. switch key operated in iron box	4.00	Asgru
064285	494B	10 amp. S. P. switch, key operated in brass box.	4.50	Asgsu
064286	480	50 amp. marine receptacle	15.00	Asgub
064287	480A	50 amp. same for straight away tapping	15.50	Asguc
064288	480P	Plug only	3.50	Asguh
064289	495	10 amp. 2 gang marine receptacles	7.00	Asgup
064290	495P	Plug only	1.20	Asgur
064291	498	10 amp. S. P. Switch and 2 gang receptacles, combination	10.00	Asgvo
064292	498P	Plug only	1.20	Asgvu
064293	499	10 amp. cargo space receptacles and plug with fuse cut-out in iron box	8.50	Asgyb
064294	499P	Plug only	1.20	Asgyg
064295	483	Brass marine junction box with glass tube fuses	5.50	Asgyk



No. 495



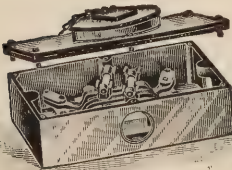
No. 498



Nos. 480 480A



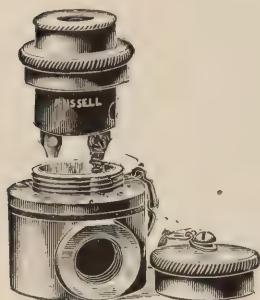
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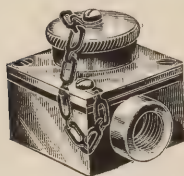
No. 483

MARINE SUPPLIES

MARINE RECEPTACLES AND PLUGS



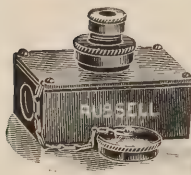
No. 458



No. 459



No. 449



No. 479



No. 432



No. 433



No. 454

Round Brass Box

Trade No.	Mfrs. No.		Cap. Amps.	Price Each	Code Word
018859	458	Complete	1	\$5.20	Ffho
018860	...	Plug only	1	2.00	Ffhu

Square Brass Box

018861	459	Complete	1	5.00	Ffid
018862	...	Plug only	1	2.00	Ffif

For $\frac{1}{4}$, $\frac{3}{8}$ or $\frac{1}{2}$ inch conduit.

MARINE SWITCHES AND RECEPTACLES

For Moulding

018863	449	Complete	10	6.40	Ffig
018864	...	Plug only	10	1.20	Ffin

For $\frac{1}{2}$ or $\frac{3}{4}$ Inch Conduit

018865	478	Complete	10	6.00	Ffit
018866	...	Plug only	10	1.20	Ffix

No. 478 is the same style box as No. 449, but is used with conduit.

MARINE RECEPTACLES

For $\frac{1}{2}$ or $\frac{3}{4}$ Inch Conduit

018867	479	In rectangular box, complete	10	5.00	Ffjo
018868	...	Plug only	10	1.20	Ffka

MARINE JUNCTION BOXES

With Cap, Cover and Gasket

Trade No.	Mfrs. No.		Size Inches	Price Each	Code Word
018869	432	Brass	4	\$1.60	Ffko
018870	432A	Iron	4	.90	Fflo
		Tapping per hole .....	..	.05	....

For $\frac{1}{2}$, $\frac{3}{4}$ or 1 inch conduit.

With Screw, Cover and Gasket

018871	433	Brass	4	2.40	Ffme
018872	433A	Iron	4	1.40	Ffne
		Tapping per hole .....	..	.05	....

With Cap, Cover and Gasket

018873	454	Brass, fitted with Gland Outlet	4	1.60	Ffnu
		Gland, extra .....	..	.40	....

With Cap, Cover and Gasket

018874	481	Brass	3	1.50	Ffod
018875	481A	Iron	3	.60	Ffom
		Tapping per hole .....	..	.05	....

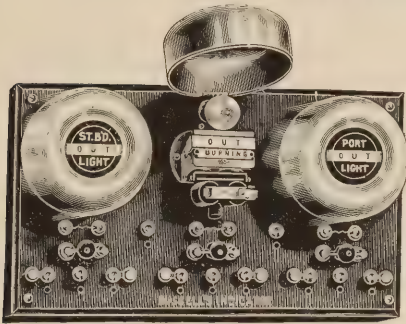
For $\frac{1}{2}$ or $\frac{3}{4}$ inch conduit.

With Cap, Cover and Lamp Receptacle

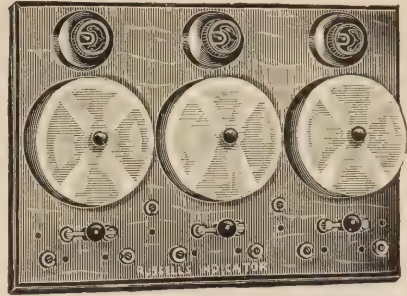
018876	482	Brass	3	1.90	Ffon
018877	482A	Iron	3	1.00	Ffow
		Tapping per hole .....	..	.05	....

For $\frac{1}{2}$ or $\frac{3}{4}$ inch conduit.

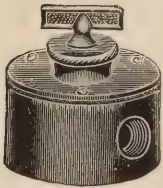
MARINE SUPPLIES



No. 500



No. 501



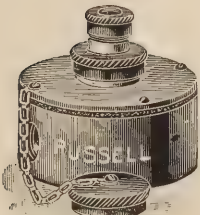
No. 448



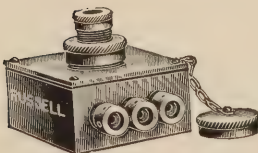
No. 447



No. 452



No. 484



No. 453

AUTOMATIC RUNNING LIGHT INDICATORS AND CONTROLS

Trade No.	Mfrs. No.	Price per Light	Code Word
018878	500	\$40.00	Ffox

Requires three wires to each lantern.

Indicates when a signal light goes out by a vibrator tell-tale lamp and annunciator.

At the same time closes a circuit to a reserve lamp, insuring constant light.

SIMPLE INDICATING TELL-TALES

018879	501	20.00	Ffsa
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Requires two wires to each lantern.

Vibrator and tell-tale lamp indicates when a lamp goes out.

SINGLE POLE SWITCHES

Trade No.	Mfrs. No.	Cap. Amps.	Size Conduit Inches	Price Each	Code Word
018883	448	10	$\frac{1}{2}$	\$4.50	Ffup
018884	448A	10	$\frac{3}{4}$	4.50	Ffur

MARINE RECEPTACLES AND PLUGS

		Two Wire		Price Each	Code Word
Trade No.	Mfrs. No.	Size Conduit Inches			
018880	447	$\frac{1}{2}$		\$4.50	Ffts
018881	447A	$\frac{3}{4}$		4.50	Ffub

Plug Only

018882	Two Wire Plug only.....	1.20	Ffun
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Three Wire

018885	484	10	$\frac{3}{4}$	7.00	Ffyd
018886	484A	10	1	7.00	Ffyf

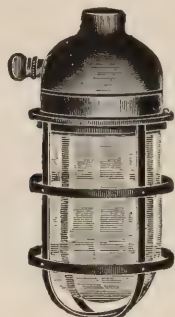
Three Wire

Trade No.	Mfrs. No.		Price Each	Code Word
018887	453	For Moulding, complete...	\$8.50	Ffyg
018888	453	Plug only.....	2.00	Ffyf

MARINE WATERTIGHT GUARDED FIXTURES



No. 431A



No. 430



No. 411



No. 405

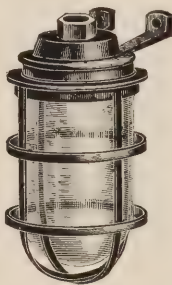
Trade No.	Mfrs. No.
018894	431A
018895	431
018896	430
018897	411
018898	405
018899	405A

With switch on brass junction box.....	
With switch on iron junction box.....	
With switch for $\frac{1}{2}$ or $\frac{3}{4}$ -inch conduit.....	
Without switch for $\frac{1}{2}$ or $\frac{3}{4}$ -inch conduit.....	
Mounted on iron junction box.....	
Mounted on brass junction box.....	

Price Each	Code Word
\$5.00	Felg
4.50	Felt
3.75	Feln
2.30	Femp
2.70	Femu
3.10	Fenc



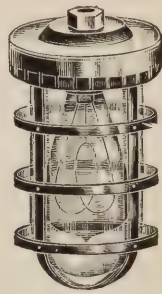
No. 415



No. 411F



No. 392

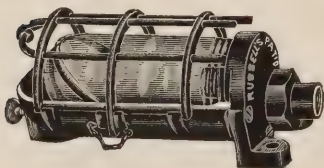


No. 465

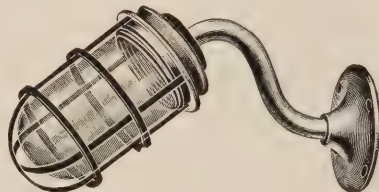
Trade No.	Mfrs. No.
018900	415
018901	411F
018902	392
018903	465
018904	465A

Fitted for moulding block.....	
Fitted with feet, for $\frac{1}{2}$ or $\frac{3}{4}$ -inch conduit.....	
Brass, non-watertight fixture for moulding.....	
Double gasket, brass, for conduit direct.....	
Same, without guard.....	

Price Each	Code Word
\$2.05	Fend
2.65	Fenk
2.00	Feob
2.30	Feof
1.90	Feon



No. 410



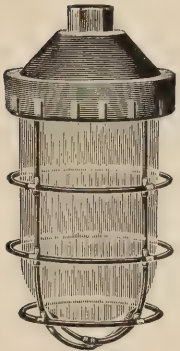
No. 413

Trade No.	Mfrs. No.
018908	410
018909	418

Heavy steel white enamel reflector body deck fixture.....	
Brass 45 degree angle fixture.....	

Price Each	Code Word
\$4.60	Fesh
4.00	Feth

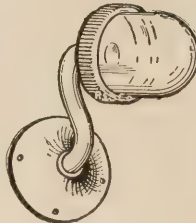
STEAM TIGHT FIXTURES



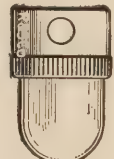
Nos. 522, 397



No. 525



No. 526



No. 527

STEAM TIGHT CONDUIT FIXTURES

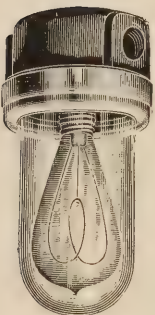
Trade No.	Mfrs No.	Size Lamp	Style	Price Each	Code Word
064308	522	50 C. P.	Iron	\$2.50	Asgab
064309	522B	50 C. P.	Brass	3.25	Asgaf
064310	397	100 Watts	Iron	3.75	Asgah
064311	397B	100 Watts	Brass	4.70	Asgas
064312	525	8 C. P.	Iron	1.50	Asgba

45 DEGREE BRACKET FIXTURES

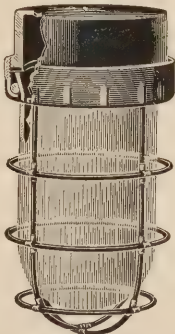
064313	526	8 C. P.	Brass	2.50	Asgbi
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JUNCTION BOX FIXTURES

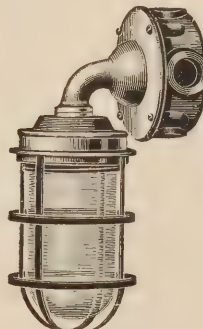
064314	527	8 C. P.	Brass	1.75	Asgbu
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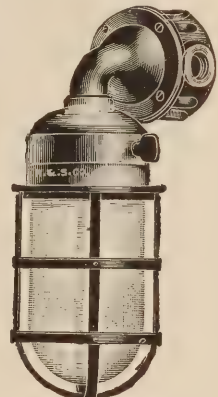
No. 464



Nos. 524, 398



No. 404



No. 404K

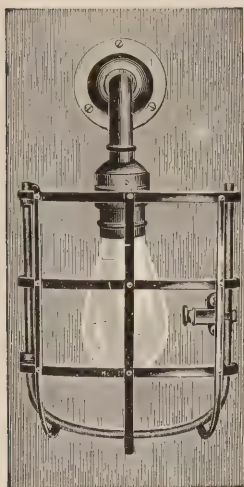
JUNCTION BOX FIXTURES

Trade No.	Mfrs. No.	Size Lamp	Style	Price Each	Code Word
064320	464	16 C. P.	Iron	\$1.40	Asgek
064315	524	50 C. P.	Iron	2.50	Asgca
064316	524B	50 C. P.	Brass	3.25	Asgco
064317	398	100 Watt	Iron	3.75	Asgde
064318	398B	100 Watt	Brass	4.70	Asgdu

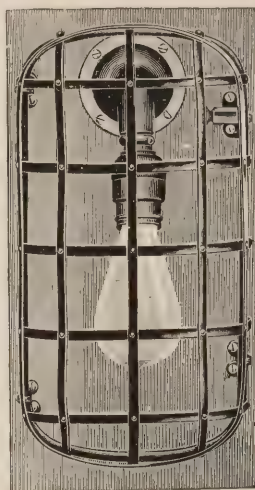
RIGHT ANGLE FIXTURES

064321	404	Heavy brass rt. angle fixture on 4-in. iron junction box	3.60	Asgem
064322	404A	Same, on 4-inch brass junction box	4.00	Asgct
064319	404K	Same, on 4-inch brass junction box with key	5.00	Asgcg

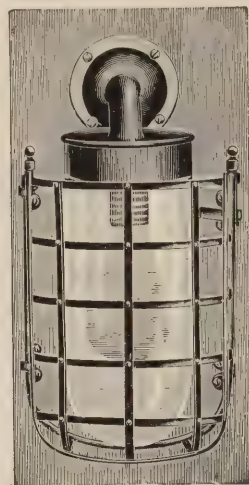
MARINE BRASS BULKHEAD FIXTURES



No. 403



No. 413



No. 414



No. 416

GUARDED FIXTURES

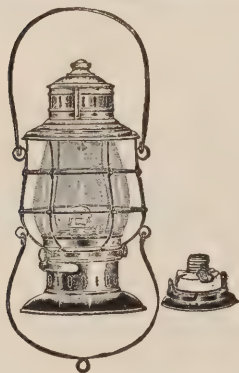
Non-watertight

Trade No.	Mfrs. No.		Price Each	Code Word
018910	403	Half basket	\$2.90	Feuf
018911	413	Full basket	3.40	Feul

Watertight

018912	414	Half basket	4.00	Feum
018913	416	Full basket	4.50	Feur

All mounted on heavy white pine blocks, guards hinged.
In black, bronze or brass finish.
These fixtures are adapted for any class of work where a guarded fixture is required.



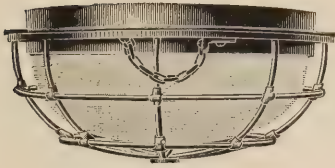
No. 429

LANTERNS

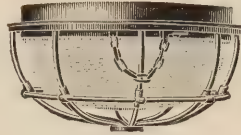
Trade No.	Mfrs. No.		Price Each	Code Word
018914	429	Brass oil and electric lantern	\$3.00	Ffab

Colored globes extra.

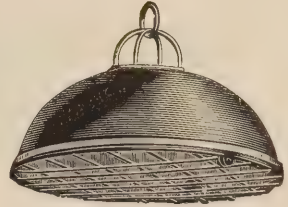
MARINE FIXTURES



No. 470G



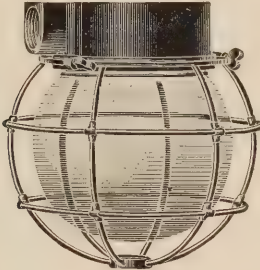
No. 471G



No. 420

GUARDED HEAVY BRASS CEILING FIXTURES

Trade No.	Mfrs. No.		Price Each	Code Word
018921	470G	8-inch screw globe, 4 inches deep over all.....	\$ 8.00	Ffad
018922	471G	6-inch screw globe, 3½ inches deep over all.....	6.00	Ffag
FOUR-LIGHT CARGO REFLECTORS				
018923	420	Heavy brass, 18-inch diameter, wireless porcelain body.	12.50	Ffal
018923A	420A	Steel bowl, 4-light wireless porcelain body	9.00	Ffap
018924	420B	Heavy brass, 18-inch diameter, gooseneck body	15.00	Ffas



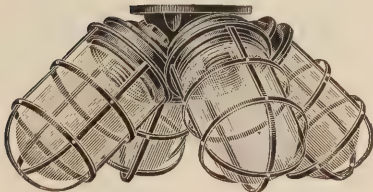
No. 540



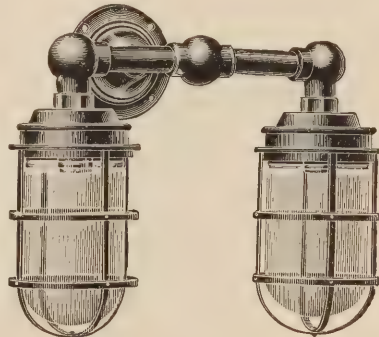
No. 541

SCREW GLOBE BRASS CEILING FIXTURES

Trade No.	Mfrs. No.		Price Each	Code Word
018925	540	6-inch ball guarded, for conduit complete.....	\$6.00	Ffba
018926	540B	Same, without guard.....	2.50	Ffbe
018927	541	4-inch ball, watertight, on iron box.....	2.00	Ffbo



No. 542



No. 543

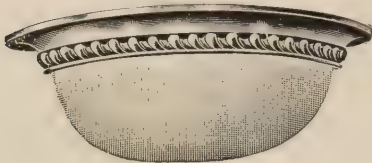
FOUR-LIGHT CLUSTER FIXTURES

Trade No.	Mfrs. No.		Price Each	Code Word
018928	542	With iron base to set on junction box.....	\$10.00	Ffbu

TWO LIGHT BRACKET FIXTURES

Trade No.	Mfrs. No.		Price Each	Code Word
018929	543	Brass, with iron brackets.....	6.00	Ffca

MARINE AND AUTOMOBILE CEILING FIXTURES



No. 467



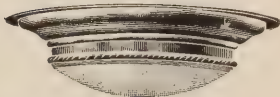
No. 468 1/2

2-LIGHT CEILING FIXTURES

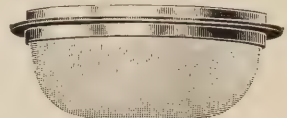
Trade No.	Mfrs. No.		Price Each	Code Word
064327	467	Screw globe	\$9.00	Asfsa

AUTOMOBILE FIXTURES

064328	468 1/2	7-inch with switch	6.50	Asfts
064329	468	7-inch with switch and plain globe	5.50	Asfub



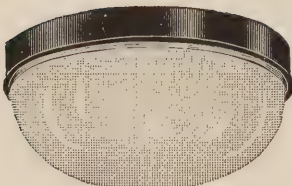
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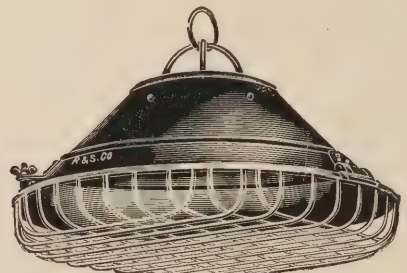
No. 471

AUTOMOBILE FIXTURES

064330	469	6-inch	3.00	Asfun
064331	471	6-inch with flange	3.50	Asfup



No. 470



No. 417

AUTOMOBILE FIXTURES

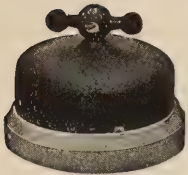
064332	470	8-inch screw globe, plain	3.75	Asfur
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Specify clear or frosted globes when ordering.

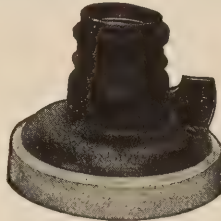
EXTRA HEAVY GUARDED CARGO REFLECTORS

064333	417	Galvanized 25-inch diameter with 12 light cluster	30.00	Asfyd
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G-E MARINE ELECTRIC SUPPLIES



No. 22656.



No. 9449.



No. 22654.



No. 50966.



No. 50965.

N. W. T. SNAP SWITCHES.

Trade No.	Description.	Price Each.	Code Word.
22656	10-Ampere Snap Switch.....	\$0.48	Bfig
	Interior Fitting.....	.50	Bfin

N. W. T. RECEPTACLES.

9449	Key Receptacle with Double Pole Fuse.....	.60	Bfit
22654	Keyless Receptacle.....	.55	Bfix

SOCKETS.



No. 29431.



No. 36697.

50966	Key Socket.....	.50	Bfjo
50965	Keyless Socket.....	.45	Bfka

ATTACHMENT PLUGS.

29431	W. T. Attaching Plug.....	.75	Bfko
36697	N. W. T. Attaching Plug.....	.27	Bflo

N. W. T. RECEPTACLES.

50790	Miniature, for Binnacle Lamps.....	.15	Bfme
22287	Porcelain Base.....	.35	Bfne



No. 50790.



No. 22287.

BULKHEAD STUFFING TUBES.

Trade No.	Iron Pipe Size of Tube.	Inside Diameter of Hard Rubber Lining.	Price Each.	Code Word.
06189	1/2-inch	7/16-inch	.....	Bfnu
06190	3/4 " "	5/8 " "	.....	Bfod
06191	1 " "	13/16 " "	.....	Bfom
06192	1 1/4 " "	1 1/8 " "	.....	Bfon
06193	1 1/2 " "	1 5/16 " "	.....	Bfow

Length varies with thickness of Bulkhead.

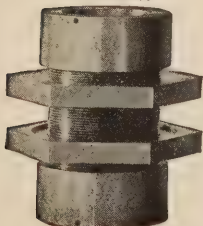
CONDUIT STUFFING TUBES.

Trade No.	Tube for I. P. S. Conduit.	Diameter over Glands.	Price Each.	Code Word.
06194	1/2-inch	1 1/2-inch	.....	Bfox
06195	3/4 " "	1 3/4 " "	.....	Bfsa
06196	1 " "	2 1/8 " "	.....	Bfts
06197	1 1/4 " "	2 5/8 " "	.....	Bfub
06198	1 1/2 " "	2 7/8 " "	.....	Bfun

Length varies with thickness of Deck.



No. 06189.



No. 06194.

ELECTRIC FIXTURES

INSTRUCTIONS FOR ORDERING

Electric sockets are not included in price of fixtures. If wanted, name the kind, otherwise we ship Edison base. We advise the use of pull sockets where practical.

Electric lamps are not included in price of fixtures. If wanted, name system, candle power and voltage.

Electric shade holders are not included in price of fixtures. All special and fancy holders shown as part of fixtures are included.

Insulating joints are included with combination fixtures when priced, wired. Not included when priced, not wired. Not included with electric fixtures, and if wanted, must be ordered extra.

Tripods or crowfeet included with electric fixtures. Where junction boxes are used in wiring, electric fixtures must be ordered with blank insulated joints in place of tripods or crowfeet.

Canopies are made large enough to cover junction boxes, and will not be shipped smaller than $4\frac{1}{2}$ inches in diameter, unless ordered otherwise. Fibre insulators for top of canopies not included.

Globes, shades, candles or glassware of any kind are not included in prices unless specially mentioned.

Fixtures are shipped not wired unless specially ordered wired, for which an additional charge will be made. Where fixtures are assembled ready to hang, an extra charge for the labor will be made.

FINISH—The following regular finishes are furnished without extra cost: Rich gilt, rich gilt and satin, polished brass, old brass, antique brass, brushed brass, brushed brass and black, black iron finish and watt relief.

The following finishes are furnished at 10% additional: Mottled copper, oxidized copper, statuary bronze, steel and nickel.

The following finishes are furnished at 20% additional:—burnished gilt, bright silver, butler's silver, oxidized silver, verde antique, pompeian bronze. If finish is to match hardware or other trimmings, a sample should be sent with order.

Length of fixtures is determined by distance between extreme points, including electric lamps. When electric lamps extend below fixtures the length is measured from top of the fixture to end of electric lamp. When sending height of ceiling, measure from end of the gas pipe down to the floor. If no gas pipe, measure from ceiling to floor. If fixtures are wanted to hang any special distance from the floor, mention the length wanted in your order, otherwise rules below must be accepted.

As location, size of rooms, varying heights, and other conditions make it impossible for rules to govern all cases, we have adopted the following for general use, exceptions to which will be governed by the existing conditions as in the cases of Churches, Public Buildings, etc.

Fixtures to hang in living rooms, parlors, libraries, dining rooms, dens and other residence rooms should hang 6 ft. from the floor. Fixtures in halls and vestibules should hang 5 ft. 6 in. from the floor. Large dome fixtures in libraries and dining rooms should hang 4 ft. 6 in. from the floor. Billiard room fixtures should hang 5 ft. 6 in. from the floor. Store and office fixtures should hang 6 ft. 6 in. from the floor. Fixtures for public buildings, churches, etc., should hang from 7 ft. upwards.

Fixtures made longer than the regular length will be charged at prices given below.

Size Inches	Round—Per Foot		Hexagon—Per Foot		Square—Per Foot	
	Not Wired	Wired	Not Wired	Wired	Not Wired	Wired
$\frac{3}{8}$	\$0.30	\$0.40	\$0.40	\$0.50	\$0.50	\$0.60
$\frac{1}{2}$	.35	.45	.45	.55	.55	.65
$\frac{5}{8}$	.40	.50	.50	.60	.65	.75
$\frac{3}{4}$	.40	.50	.50	.60	.65	.75
$\frac{7}{8}$	.45	.55	.55	.65	.75	.85
1	.45	.55	.55	.65	.75	.85
$1\frac{1}{8}$	.60	.70	.75	.90	.90	1.05
$1\frac{1}{4}$	.60	.70	.75	.90	.90	1.05
$1\frac{1}{2}$	.90	1.00	1.15	1.25	1.40	1.50
2	1.00	1.10	1.30	1.40	1.55	1.65

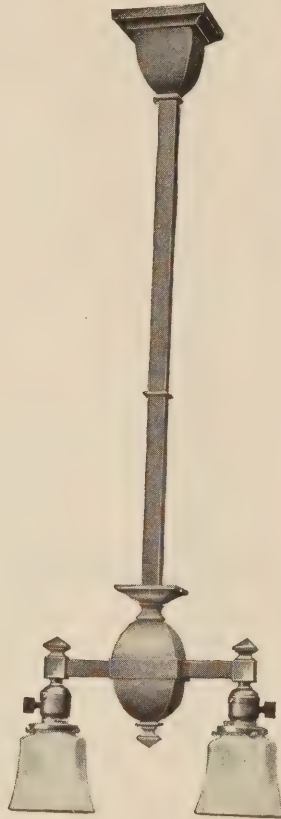
Sizes $\frac{3}{8}$ and $\frac{1}{2}$ -in. are brass tubing only. Larger sizes include brass casing and iron pipes.

We are in a position to furnish all styles and types of fixtures. Send us your specifications.

ELECTRIC FIXTURES



No. 78082.



No. 78102.



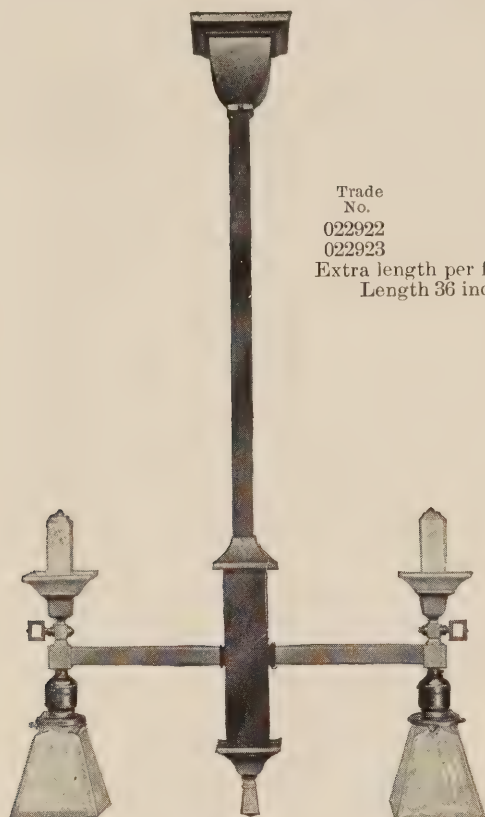
No. 6970.

Trade No.	No. of Lights.	Length Inches.	Spread Inches.	Price Each.		Code Word.
				Not Wired.	Wired.	
78082	2	36	16	\$8.00	\$9.00	Abbujbaov
78084	4	36	16	10.50	12.50	Abbujbash
78102	2	36	9	8.00	9.00	Abbujbats
78104	4	36	9	10.50	12.50	Abbujbaug
6970	1	36	4½	3.25	3.75	Abbujbeba

No. 9321½ crystal rough inside shades for Nos. 078082, 078084, and 06970, 45 cents each extra.

Glassware, electric lamps, sockets, and shadeholders not included with price unless mentioned

COMBINATION FIXTURES



No. 1915

No. 1917

Trade No.	No. LIGHTS		Price Each	Code Word
	Gas	Electric		
022924	2	2	\$10.00	Elbu
022925	4	4	13.50	Elce
Extra length per foot.....			.80	
Length 36 inches; spread 18 inches.				

No. 1915

Trade No.	No. LIGHTS		Price Each	Code Word
	Gas	Electric		
022922	2	2	\$11.00	Elbe
022923	4	4	16.00	Elbi
Extra length per foot.....			.80	
Length 36 inches; spread 18 inches				



No. 1917

The above fixtures are furnished in brush brass finish.

Glassware, electric sockets, lamps, shade-holders and wiring not included in above prices.

ELECTRIC FIXTURES



No. 553

No. 553

Trade No.	No. Lights	PRICE EACH		Code Word
		Pol. Brass	Ox. Copper	
022763	1	\$3.00	\$3.35	Elin
Extra length per foot		.65	.85	
Code word for finish . . .		Elji	Eljo	
Length 36 inches.				

No. 767

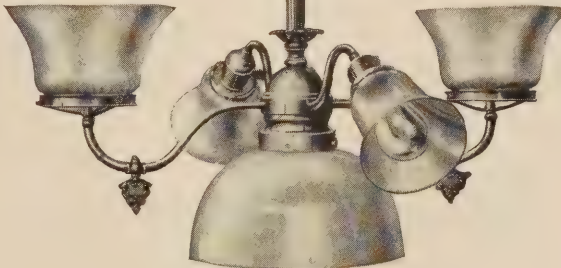
Trade No.	No. Lights		PRICE EACH		Code Word
	Gas	Electric	Pol. Brass	Ox. Copper	
022760	2	3	\$7.00	\$7.75	Ells
022761	3	4	8.50	9.50	Elna
022762	4	5	10.00	11.00	Elnu
Extra length per foot			.65	.85	
Code word for finish			Eloc	Elod	
Length 36 inches; spread 20 inches.					



No. 552

No. 552

Trade No.	No. Lights	PRICE EACH		Code Word
		Pol. Brass	Ox. Copper	
022764	1	\$2.25	\$2.75	Elki
Extra length per foot		.40	.50	
Code word for finish		Elku	Ells	
Length 36 inches.				



No. 767

Glassware, electric sockets, lamps, shade-holders and wiring not included in above prices.

COMBINATION FIXTURES



No. 754

No. 754

Trade No.	No. LIGHTS	PRICE EACH	Code
	Gas Elec. Pol. Brass Ox. Copper Word		
022755	1 1	\$4.50 \$5.25	Emal
Extra length per foot		.65 .85	
Code Word for finish		Emat Emav	
Length 36 inches; spread 12 inches.			



No. 750

No. 750

Trade No.	No. LIGHTS	PRICE EACH	Code
	Gas Elec. Pol. Brass Ox. Copper Word		
022756	1 1	\$3.00 \$3.50	Embu
Extra length per foot		.65 .85	
Code Word for finish		Emdu Emeg	
Length 36 inches; spread 9 inches.			



No. 769

No. 769

Trade No.	No. LIGHTS		PRICE EACH		Code Word
	Gas	Electric	Pol. Brass	Ox. Copper	
022757	2	2	\$7.00	\$7.75	Emep
022758	3	3	8.50	9.50	Emew
022759	4	4	10.00	11.00	Emfa
Extra length per foot			.65	.85	
Code Word for finish			Emfo	Emga	

Length 36 inches; spread 36 inches.

Glassware, electric sockets, lamps, shade holders and wiring not included in above prices.

ELECTRIC FIXTURES



No. 566

No. 566

Trade No.	No. Lights	PRICE EACH		Code Word
		Pol. Brass	Ox. Copper	
022692	2	\$5.00	\$5.70	Eipu
022693	3	6.25	7.00	Eirg
022694	4	7.50	8.25	Eirt
Extra length per foot...		.65	.85	
Code word for finish....		Eita	Eith	

Length 36 inches; spread 18 inches.

Trade No.	No. Lights	PRICE EACH		Code Word
		Pol. Brass	Ox. Copper	
022695	2	\$5.00	\$5.75	Eiub
022696	3	6.25	7.00	Eiul
022697	4	7.50	8.25	Eiur
Extra length per foot...		.65	.85	
Code word for finish....		Ejal	Ejam	

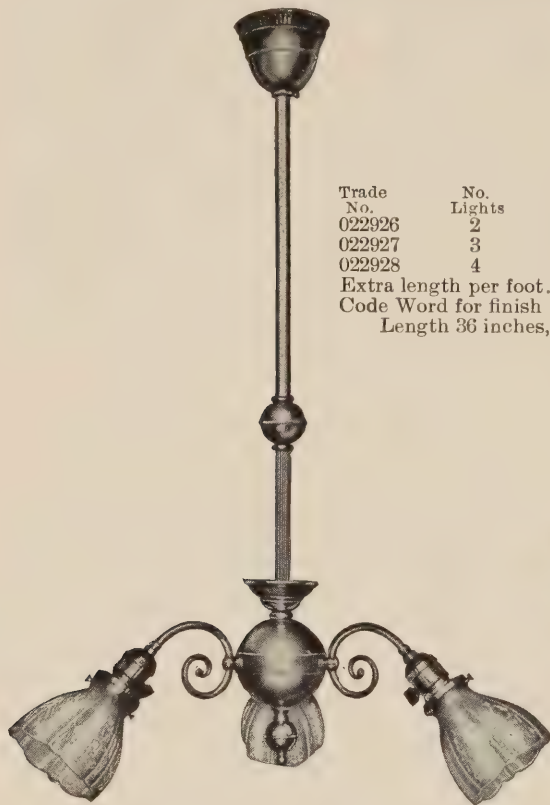
Length 36 inches; spread 18 inches.



No. 567

Glassware, electric sockets, lamps, shade-holders and wiring not included in above prices

ELECTRIC FIXTURES



No. 1804

No. 1804

Trade No.	No. Lights	PRICE EACH		Code Word
		Pol. Brass	Ox. Copper	
022926	2	\$6.50	\$ 7.25	Jyfa
022927	3	8.00	8.85	Jygo
022928	4	9.50	10.50	Jygu
Extra length per foot..		.65	.85	
Code Word for finish		Jyja	Jyka	
Length 36 inches, spread 18 inches.				

Trade No.	No. Lights	PRICE EACH		Code Word
		Pol. Brass	Ox. Copper	
022929	3	\$ 7.00	\$ 7.75	Jyko
022930	4	8.50	9.50	Jylo
022931	5	10.00	11.25	Jylp
Extra length per foot....		.65	.85	
Code Word for finish		Jylu	Jyms	
Length 36 inches, spread 20 inches.				

No. 570



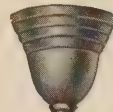
No. 570

Glassware, electric sockets, lamps, shade holders and wiring not included in above prices.

ELECTRIC FIXTURES

No. 576

Trade No.	No. Lights	PRICE EACH Pol. Brass	Ox. Copper
022740	2	\$6.00	\$6.75
022741	3	7.00	8.00
022742	4	8.00	9.25
Extra length per foot		.65	.85
Length 36 inches; spread 20 inches.			



No. 576

No. 579

Trade No.	No. Lights	PRICE EACH Pol. Brass	Ox. Copper
022743	2	\$10.00	\$11.00
022744	3	11.75	13.00
022745	4	13.50	15.00
Extra length per foot		.65	.85
Length 36 inches; spread 26 inches.			



No. 579

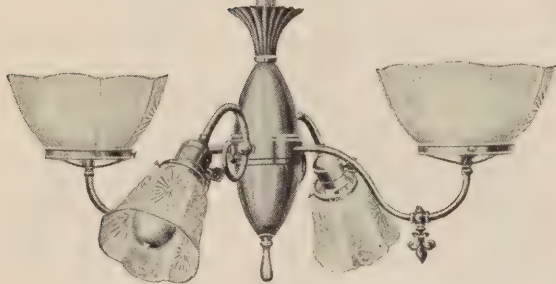
Glassware, electric sockets, lamps, shade holders and wiring not included in above prices.

COMBINATION FIXTURES



No. 771

Trade No.	No. LIGHTS		PRICE EACH		Code Word
	Gas	Electric	Pol. Brass	Ox. Copper	
022393	2	2	\$7.00	\$7.75	Ihaf
022394	3	3	8.75	9.75	Ihas
022395	4	4	10.50	12.00	Ihef
Extra length per foot.....			.65	.85	
Code word for finish			Ihem	Ihgi	
Length 36 inches; spread 20 inches.					



No. 771

No. 1907

Trade No.	No. LIGHTS		PRICE EACH		Code Word
	Gas	Electric	Pol. Brass	Ox. Copper	
022396	2	2	\$5.00	\$9.00	Ihia
022397	3	3	10.00	11.00	Ihit
022398	4	4	12.00	13.50	Ihiv
Extra length per foot.....			.65	.85	
Code word for finish			Ihja	Ihjo	
Length 36 inches; spread 24 inches.					



No. 1907

Glassware, electric sockets, lamps, shade-holders and wiring not included in above prices.

COMBINATION FIXTURES



No. 759

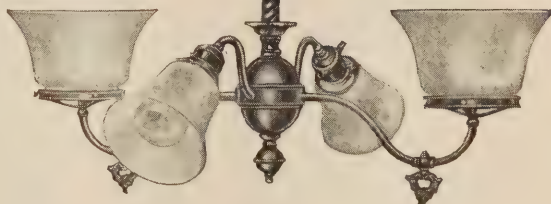
Trade No.	No. LIGHTS		PRICE EACH		Code Word
	Gas	Electric	Pol. Brass	Ox. Cop.	
022746	2	2	\$5.65	\$6.45	Elgo
022747	3	3	7.55	8.35	Elgu
022748	4	4	9.45	10.30	Elho
Extra length per foot .....			.65	.85	
Code word for finish			Elig	Elew	
Length 36 inches; spread 20 inches.					



No. 759

No. 760

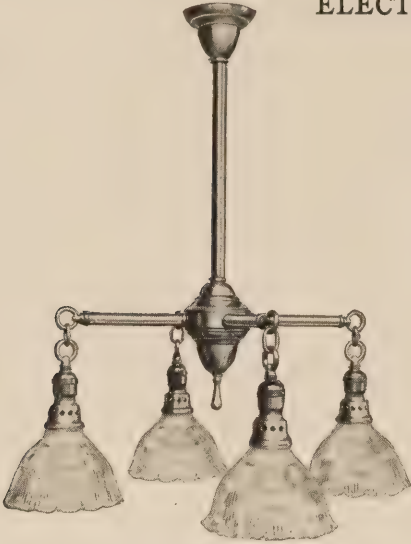
Trade No.	No. LIGHTS		PRICE EACH		Code Word
	Gas	Electric	Pol. Brass	Ox. Cop.	
022749	2	2	\$5.85	\$6.65	Elek
022750	3	3	7.75	8.60	Elen
022751	4	4	9.65	10.50	Elet
Extra length per foot .....			.65	.85	
Code word for finish			Elfe	Elga	
Length 36 inches; spread 20 inches					



No. 760

Glassware, electric sockets, lamps, shade holders and wiring not included in above prices.

ELECTRIC FIXTURES



Style No. 2259

No. of Lights	Polished Brass		Oxidized Copper	
	Trade No.	Price, Each	Trade No.	Price, Each
2	084668	\$3.50	084672	\$4.00
3	084669	4.50	084673	5.25
4	084670	5.50	084674	6.50
5	084671	6.00	084675	7.00



Style No. 2260

No. of Lights	Polished Brass		Oxidized Copper	
	Trade No.	Price, Each	Trade No.	Price, Each
2	084676	\$4.00	084680	\$4.50
3	084677	5.00	084681	5.50
4	084678	6.00	084682	6.75
5	084679	6.60	084683	7.40



Style No. 2258

No. of Lights	Polished Brass		Oxidized Copper	
	Trade No.	Price, Each	Trade No.	Price, Each
2	084684	\$3.00	084688	\$3.50
3	084685	3.80	084689	4.40
4	084686	4.60	084690	5.25
5	084687	5.75	084691	6.25



Style No. 2261

No. of Lights	Polished Brass		Oxidized Copper	
	Trade No.	Price, Each	Trade No.	Price, Each
2	084692	\$3.50	084696	\$4.00
3	084693	4.50	084697	5.00
4	084694	5.50	084698	6.00
5	084695	7.00	084699	7.75

Standard length of all the above fixtures, 36 inches; spread, 18 inches.
Extra length per foot, polished brass, \$0.40; oxidized copper, \$0.50.

MAZDALIERS



No. 2001



No. 2501



No. 2101



No. 2601

CLOSE CEILING TYPE

Trade No.	Mfrs. No.	No. Lights	Length Inches	Price Each
060333	2001	1	10	\$0.90
060334	2501	1	10	1.10

CONDUIT TYPE

060335	2101	1	11	1.45
060336	2601	1	11	1.90

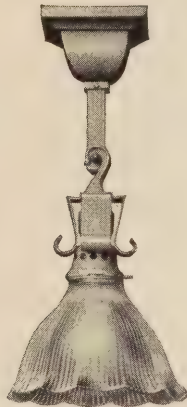
The above Mazdaliers will be furnished with a $3\frac{1}{4}$ -inch spun holder for 150 and 250 watt lamps at \$0.44 extra.

Conduit type Nos. 2101 and 2601 are designed for use in connection with varying forms of standard conduit outlet construction necessitating complete insulation.

The collars are of sufficient size to completely conceal any standard outlet box. Prices do not include insulating joints, which will be furnished at \$0.30 net each additional. Prices include sockets, holders, wire, adjusting straps, and nipple to attach insulating joints to the fixtures.



No. 2011



No. 2511

STEM TYPE

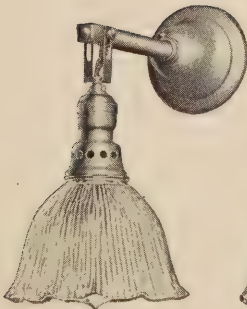
Trade No.	Mfrs. No.	No. Lts.	Length Inches	Price Each
060337	2011	1	25	\$1.55
060338	2511	1	25	2.65

BRACKET TYPE

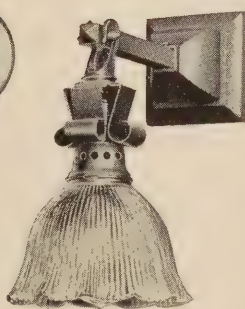
Trade No.	Mfrs. No.	No. Lights	Extension Inches	Price Each
060339	2021	1	8	\$1.55
060340	2571	1	8	2.65

The above prices do not include lamps or reflectors.

See preceding page for information regarding additional lengths and spreads, packing and other data.

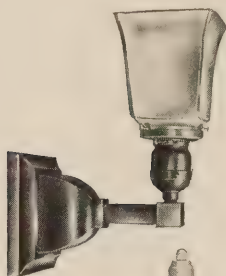


No. 2021

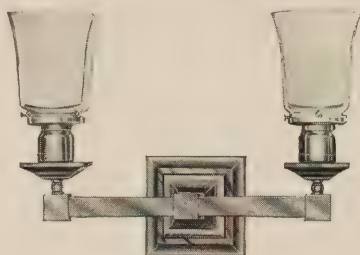


No. 2571

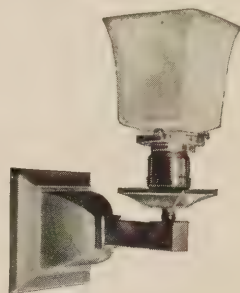
BRACKETS



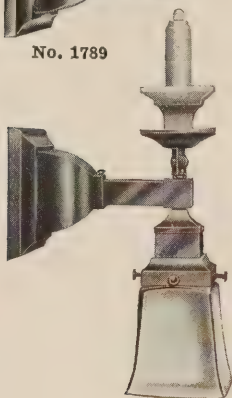
No. 1789



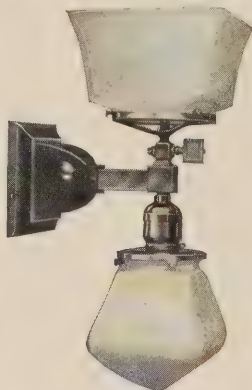
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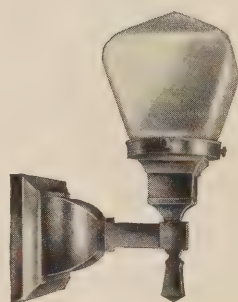
No. 1946



No. 1900



No. 1902



No. 1896



No. 1932



No. 1931

ELECTRIC BRACKETS

No. 1789				
Trade No.	Extends Inches	Finish	Price Each	Code Word
022990	6	Brush Brass	\$2.00	Qaeb
No. 1837				
022991	6	Brush Brass	4.50	Qaek
No. 1837 has a 12-inch Spread.				
No. 1946				
022992	6	Brush Brass	2.50	Qaet
No. 1896				
022993	6	Brush Brass	4.00	Qaev

COMBINATION BRACKETS

No. 1900				
022994	6	Brush Brass	4.00	Qafi
No. 1902				
022995	6	Brush Brass	2.75	Qafo
No. 1932				
022996	6	Polished Brass	1.35	Qafs
022997	6	Oxidized Copper	1.50	Qaft
No. 1931				
022998	6	Polished Brass	1.35	Qafu
022999	6	Oxidized Copper	1.50	Qaga

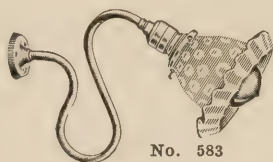
WALL BRACKETS



No. 581



No. 585



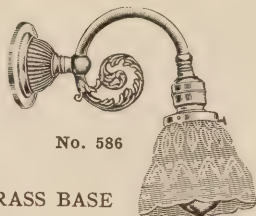
No. 583



No. 590

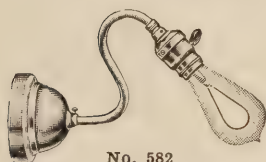


No. 588



No. 586

WITH SPUN BRASS BASE



No. 582



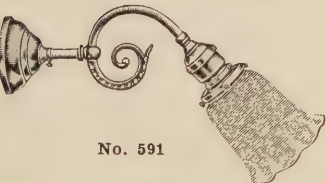
No. 592



No. 597



No. 593



No. 591



No. 595

Trade No.	Length Inches		Price per Dozen	Code Word
021877	3	Polished Brass	\$2.25	Itel
021878	3	Oxidized Copper	2.65	Iteo
021879	6	Polished Brass	3.00	Itet
021880	6	Oxidized Copper	3.50	Itcv
021881	8	Polished Brass	3.50	Itgi
021882	8	Oxidized Copper	4.00	Itgu
021883	10	Polished Brass	4.00	Itha
021884	10	Oxidized Copper	4.50	Iths

No. 585

Trade No.	Length Inches		Price Each	Code Word
021885	10	Polished Brass	\$0.54	Itif
021886	10	Oxidized Copper	.63	Itju

No. 583

021887	10	Polished Brass	.45	Itko
021888	10	Oxidized Copper	.53	Itna

WITH HEAVY CAST BASE

No. 590

021889	7	Polished Brass	1.00	Itod
021890	7	Oxidized Copper	1.15	Itok

No. 588

021891	7	Polished Brass	1.00	Itol
021892	7	Oxidized Copper	1.15	Itop

No. 586

021893	6	Polished Brass	1.00	Itov
021894	6	Oxidized Copper	1.15	Itpi

WITH CANOPY AND CROW FOOT

No. 582

021895	6	Polished Brass	.50	Itue
021896	6	Oxidized Copper	.60	Ituv

No. 592

021897	8	Polished Brass	1.00	Itvo
021898	8	Oxidized Copper	1.20	Itwe

No. 597

021899	7	Polished Brass	1.15	Ityd
021900	7	Oxidized Copper	1.30	Iuac

No. 593

021901	10	Polished Brass	1.25	Iuaf
021902	10	Oxidized Copper	1.45	Iuah

No. 591

021903	8	Polished Brass	1.25	Iuak
021904	8	Oxidized Copper	1.45	Iuar

No. 595

021905	8	Polished Brass	1.00	Iuba
021906	8	Oxidized Copper	1.15	Iubi

Lamps, sockets, shade holders, and wiring not included in above prices.

BRACKETS AND TUBES



No. 181.

No. 180.

No. 37.

No. 174.

No. 173.

No. 38.

No. 158.

No. 164.

No. 165.

No. 71.

No. 80.

No. 1072

SWING BRACKETS

Trade No.	Mfrs. No.	Length Inches.	PRICE EACH		Code Word.
			Pol. Brass.	Ox. Cop.	
027151	181	24	\$2.50	\$2.75	Qguh
027152	180	12	1.25	1.50	Qgup
027153	38	..	.65	.75	Qgur
027154	37	..	.30	.35	Qgvo

WALL BRACKETS

		No. 173		Code Word.
		Length	Price	
027155	173	5	.45	Qgvu
		No. 174		Code Word.
		Length	Price	
027156	174	8	.45	Qgyb
027157	174	10	.50	Qgyg
027158	174	12	.55	Qgyk

BRACKET TUBES

		No. 158		Code Word.
		Length	Price	
027159	158	..	.45	Qgyn
		No. 164		Code Word.
		Length	Price	
027160	164	6	.25	Qhab
027161	164	8	.27½	Qhac
027162	164	10	.30	Qhaf
		No. 165		Code Word.
		Length	Price	
027163	165	6	.35	Qhem
027164	165	8	.37½	Qhfu
027165	165	10	.40	Qhgi
		No. 71		Code Word.
		Length	Price	
027166	71	6	.15	Qhia
027167	71	8	.18	Qhit
027168	71	10	.20	Qhiv
		No. 80		Code Word.
		Length	Price	
027169	80	6	.15	Qhja
027170	80	8	.18	Qhjo
027171	80	10	.20	Qhke
		No. 1072		Code Word.
		Length	Price	
027172	1072	6	.25	Qhlo
027173	1072	8	.28	Qhme

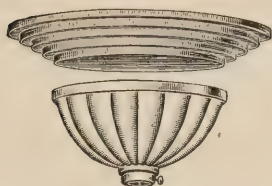
Code word for finish

Qhas

Qhef

Bracket tubes are made of 3/8-inch tubing.
Electric lamps, sockets, shadeholders and wiring not included in above prices.

FIXTURE SUPPLIES



Roberts Fixture Block



No. 109



No. 1610



No. 113



No. 40



No. 39



No. 944

ROBERTS FIXTURE BLOCKS

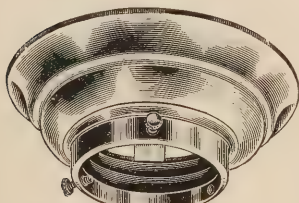
Trade No.	Description	Price Each	Price per 100
018511	Plain unfinished	\$0.07	\$6.00
018512	Highly polished oak	.08	7.00

The Roberts Fixture Block is made in steps to take canopies 3, 3½, 4, 4½ inches in diameter

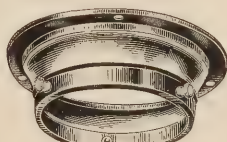
CANOPIES

Mfrs. No.	Style	Diameter Inches	Depth Inches	Polished Brass		Oxidized Copper	
				Trade No.	Price Each	Trade No.	Price Each
109	Plain	3½	2	084648	\$0.16	084658	\$0.21
1610	Plain	4½	3	084649	.24	084659	.29
113	Plain	4	3	084650	.20	084660	.25
114	Ribbed	4	3	084651	.20	084661	.25
40	Plain	4	4	084652	.25	084662	.30
41	Ribbed	4	4	084653	.25	084663	.30
39	Ribbed	3¾	2½	084654	.17	084664	.22
801	Plain	3¾	2½	084655	.17	084665	.22
944	Ribbed	4½	4	084656	.25	084666	.30
945	Plain	4½	4	084657	.25	084667	.30

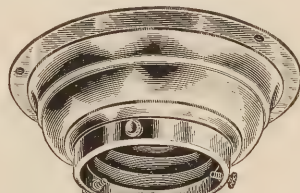
CEILING LIGHTS



No. 133



No. 1003



No. 1068

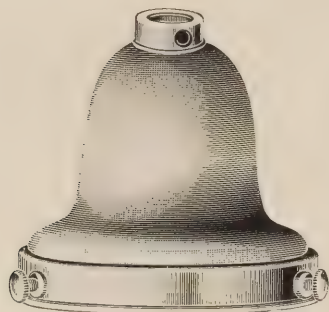
Mfrs. No.	Diameter Inches	Size, Holder Inches	Polished Brass		Oxidized Copper	
			Trade No.	Price Each	Trade No.	Price Each
133	7	3¼	084636	\$0.45	084641	\$0.50
133	7	4	084637	.50	084642	.55
1068	7	3¼	084638	.45	084643	.50
1068	7	4	084639	.50	084644	.55
1003	5	3¼	084640	.25	084645	.30

Made of Sheet Copper, for Outdoor Work

Mfrs. No.	Description	Size, Holder Inches	Trade No.	Price Each
1556	Similar to Style 133	3¼	084646	\$0.70
1556	Similar to Style 133	4	084647	.75

Nos. 133, 1068 and 1003 can also be furnished made from sheet copper.

SHADE HOLDERS

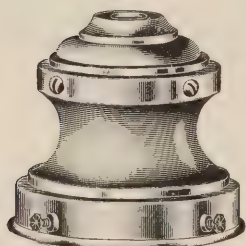


Nos. 2502-2504

SOCKET COVERS AND SHADE HOLDERS

Nos. 2502-2504

Trade No.	Mfrs. No.	Size, Holder for Glass Inches	Price Polished or Brushed Br. per 100
086722	2502	2 $\frac{1}{4}$	\$26.00
086723	2503	3 $\frac{1}{4}$	30.00
086724	2504	4	35.00



Nos. 2678 and 2689

Nos. 2678 and 2689

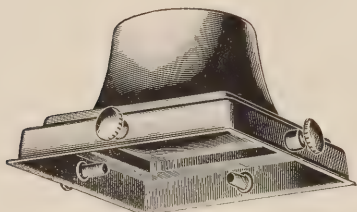
086725	2678	2 $\frac{1}{4}$	32.50
086726	2689	3 $\frac{1}{4}$	40.00

Nos. 2259 and 2297

Designed to be soldered to the electric socket.

086727	2259	2 $\frac{1}{4}$	32.00
086728	2297	3 $\frac{1}{4}$	50.00

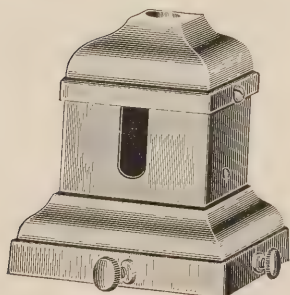
Polished brass shipped, unless otherwise ordered.



Nos. 2259 and 2297

Nos. 2472 and 2478

Trade No.	Mfrs. No.	Size, Holder for Glass Inches	Price without Plates Old English per 100
086729	2472	2 $\frac{1}{4}$	\$60.00
086730	2478	3 $\frac{1}{4}$	80.00



Nos. 2472 and 2478

HINGED CEILING BANDS



Hinged Ceiling Band

Trade No.	Mfrs. No.	No. of Lights	Size for Glass Bl. Inches	Diam. of Band at Top Inches	Price Polished or Brushed Br. Each
086731	2378	2	8	11 $\frac{1}{2}$	\$3.15
086732	2379	2	10	13 $\frac{1}{2}$	4.40
086733	2380	3	12	15 $\frac{1}{2}$	6.25
086734	2381	4	14	17 $\frac{1}{2}$	8.75

Polished brass shipped, unless otherwise ordered.

FIXTURE FITTINGS



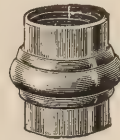
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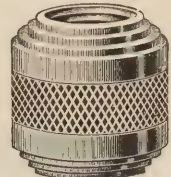
No. 843



No. 842



Nos. 117, 118



No. 1022

REDUCING BUSHINGS



No. 122



No. 124

Trade No.	Mfrs. No.	Size Inches		Price per 100
020210	844	$\frac{1}{4} \times \frac{1}{8}$ iron	.....	\$3.50
020211	843	$\frac{3}{8} \times \frac{1}{4}$ iron	.....	5.00
020212	842	$\frac{3}{8} \times \frac{1}{8}$ iron	.....	5.00

CONNECTORS

020213	117	$\frac{1}{8} \times \frac{1}{8}$ iron	.....	3.00
020214	118	$\frac{1}{2} \times \frac{1}{2}$ brass	.....	5.00
020215	118	$\frac{3}{8} \times \frac{3}{8}$ brass	.....	10.00
020216	118	$\frac{3}{8} \times \frac{3}{8}$ iron	.....	10.00
020217	1022	$\frac{1}{8} \times \frac{1}{8}$ iron	.....	12.00
020218	1022	$\frac{1}{4} \times \frac{1}{4}$ iron	.....	12.00

BRASS NOZZLES—IRON THREAD

Straight

020219	122	$\frac{1}{4}$ iron or $\frac{1}{2}$ brass to $\frac{1}{8}$ iron	6.00
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Elbow

020220	124	$\frac{1}{8}$ or $\frac{1}{4}$ iron, $\frac{7}{16} \times \frac{1}{2}$ brass to burner	9.00
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45 Degree Angle

020221	139	$\frac{1}{8} \times \frac{1}{8}$ iron	9.00
020222	139	$\frac{1}{8} \times \frac{1}{4}$ iron	9.00
020223	139	$\frac{1}{8} \times \frac{7}{16}$ brass	9.00

NIPPLES

Brass

020224	105	$\frac{1}{8} \times \frac{1}{8}$ male iron thread	2.00
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Angle

020225	897	$\frac{1}{8}$ male nipples	20.00
020226	107	$\frac{1}{8}$ male nipples	8.00

Brass Extension

Trade No.	Mfrs. No.	Size, Tube Inches	Length Inches	Price per 100
020227	88	$\frac{3}{8}$	1	\$4.00
020228	88	$\frac{3}{8}$	2	6.00
020229	88	$\frac{3}{8}$	3	8.00
020230	88	$\frac{3}{8}$	4	10.00
020231	88	$\frac{3}{8}$	6	12.00

CASING

Rope, $\frac{3}{8}$ to $1\frac{1}{4}$ -inch

Mfrs. No.	Standard Length Feet	Polished Brass Trade No.	Price per Lb.	Oxidized Copper Trade No.	Price per Lb.
43	6	020232	\$1.10	020264	\$1.30

Plain, $\frac{3}{8}$ to $1\frac{1}{4}$ -inch

42	6	020233	1.00	020265	1.20
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Fluted, $\frac{3}{4}$, $\frac{1}{2}$, and 1-inch

1064	6	020234	1.10	020266	1.30
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BRAZED TUBING

Plain, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, and $\frac{1}{2}$ inch

Trade No.	Mfrs. No.	Gauge No.	Price per Lb.
020209	110	18	\$0.80

Plain brazed tubing is suitable for brackets or fixtures that require threading. It is not lacquered, as that should be done after it is worked.

All cuts on this page are actual size.

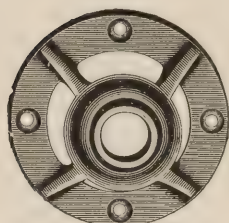


No. 88



No. 897

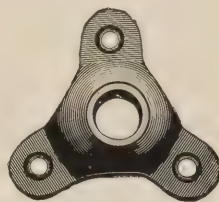
FIXTURE FITTINGS



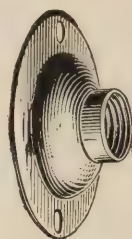
No. 46



No. 1004



Nos. 47 and 48



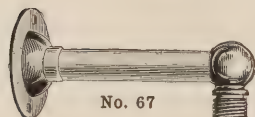
Nos. 95 and 1683



No. 65



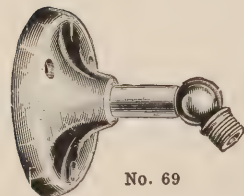
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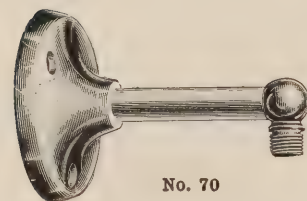
No. 67



No. 68



No. 69



No. 70

IRON CROWFEET

Trade No.	Mfrs. No.	Size Tap Inches	Diameter Inches	Price per 100
060171	46	$\frac{3}{8}$	$3\frac{3}{4}$	\$5.50
060172	46	$\frac{1}{2}$	$3\frac{3}{4}$	5.50
060173	1004	$\frac{1}{2}$	$2\frac{3}{4}$	2.50
060174	1004	$\frac{1}{4}$	$2\frac{3}{4}$	2.50
060175	48	$\frac{1}{8}$	3	3.00
060176	48	$\frac{1}{4}$	3	3.00
060177	48	$\frac{3}{8}$	3	3.00
060178	47	$\frac{5}{8}$	4	4.50
060179	47	$\frac{1}{2}$	4	4.50

BRACKET PLATES

MALE THREAD							
Polished Brass				Oxidized Copper			
Trade No.	Mfrs. No.	Size Tap Inches	Diam. Price per 100	Trade No.	Mfrs. No.	Size Tap Inches	Diam. Price per 100
060180	95	$\frac{3}{8}$	$1\frac{1}{4}$ \$3.50	060204	95	$\frac{3}{8}$	$1\frac{1}{4}$ \$4.00
060181	1683	$\frac{3}{8}$	2 7.00	060205	1683	$\frac{3}{8}$	2 9.00
FEMALE THREAD							
060182	95	$\frac{3}{8}$	$1\frac{1}{4}$ 3.50	060206	95	$\frac{3}{8}$	$1\frac{1}{4}$ 4.00
060183	1683	$\frac{3}{8}$	2 7.00	060207	1683	$\frac{3}{8}$	2 9.00

$\frac{3}{8}$ -INCH WALL BRACKET TUBES

1 $\frac{1}{4}$ -INCH BASE							
Polished Brass				Oxidized Copper			
Trade No.	Mfrs. No.	Size Inches	Price per Doz.	Trade No.	Mfrs. No.	Size Inches	Price per Doz.
060184	65	$1\frac{1}{4}$	\$1.25	060208	65	$1\frac{1}{4}$	\$1.75
060185	66	3	2.00	060209	66	3	2.35
060186	66	4	2.25	060210	66	4	2.75
060187	66	6	2.75	060211	66	6	3.25
060188	66	8	3.25	060212	66	8	3.75
060189	67	3	2.00	060213	67	3	2.35
060190	67	4	2.25	060214	67	4	2.75
060191	67	6	2.75	060215	67	6	3.25
060192	67	8	3.25	060216	67	8	3.75
060193	67	10	3.75	060217	67	10	4.25
2 $\frac{1}{4}$ -INCH SPUN BASE							
060194	68	$1\frac{1}{4}$	2.00	060219	68	$1\frac{1}{4}$	2.50
060195	69	3	2.25	060220	69	3	2.65
060196	69	4	2.50	060221	69	4	3.00
060197	69	6	3.00	060222	69	6	3.50
060198	69	8	3.50	060223	69	8	4.00
060199	69	10	4.00	060224	69	10	4.50
060200	70	3	2.25	060225	70	3	2.65
060201	70	4	2.50	060226	70	4	3.00
060202	70	6	3.00	060227	70	6	3.50
060203	70	8	3.50	060228	70	8	4.00
060218	70	10	4.00	060229	70	10	4.50

SHADE HOLDERS



No. 039674-5-6



No. 039677-8



No. 039679-80



No. 039681



No. 039682

FOR BRASS SHELL SOCKETS

Trade No.	Size Holder Inches	Gross per Std. Pkg.	Price per Gross	Code Word
039674	2 1/4	1	\$ 7.00	Pulku
039675	3 1/4	1	13.00	Penft
039676	4	1	17.00	Rulce
039677	2 1/4	1	8.40	Pdofit
039678	3 1/4	1	21.60	Pwuft



No. 039684

FOR WEATHERPROOF SOCKETS

039679	2 1/4	1	12.50	Pargt
039680	3 1/4	1	26.75	Radux
039681	2 1/4	1	18.00	Pwaht

FOR FLUSH TYPE SOCKETS

039682	2 1/4	1	21.60	Pojku
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No. 039687

JEM SCREWLESS SHADE HOLDERS

Trade No.	Size Holder Inches	Gross per Std. Pkg.	Price per Gross	Code Word
039683	1 5/8	5	\$ 9.00	Pesht
039684	2 1/4	15	8.00	Pyfit
039685	3 1/4	5	16.00	Pdelt
039686	2 1/4	5	12.00	Pblit

No. 039687 is for use with Norbitt porcelain sockets, receptacles and condulets, etc.



No. 039688

BENJAMIN SHADE HOLDERS

Trade No.	Mfrs. No.	Size Slip Inches	Size Holders Inches	Std. Pkg.	Price Each	Code Word
039687	2450	....	2 1/4	100	\$0.10	Pwolt
039688	2451	....	2 1/4 deep	100	.20	Pbant
039689	2455	....	3 1/4	100	.20	Pdint
039690	2460	....	1 5/8	100	.10	Pohot

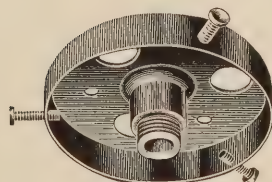
Made to fit wireless clusters only and are held in position by socket rings.



No. 039693

039691	2470	5/8	2 1/4	100	.25	Pipot
039692	2475	3/4	2 1/4	100	.25	Qiluv
039693	2490	5/8	3 1/4	100	.35	Qasuv
039694	2495	3/4	3 1/4	100	.35	Qetuv

Adapted to support shades with 2 1/4 or 3 1/4-inch fitter.



No. 039695

COMBINED CEILING FLANGES AND SHADE HOLDERS

Trade No.	Mfrs. No.	Size Holder Inches	Price Each	Code Word
039695	214	3 1/4	\$0.35	Peljuc

Made only for 3 1/4-inch holder. Threaded top and bottom 3/8-inch iron pipe.

All illustrations on this page are three-eighths actual size.

SHADE HOLDERS



No. 5590



No. 5339



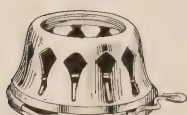
No. 5597

No. 5528
and Form O

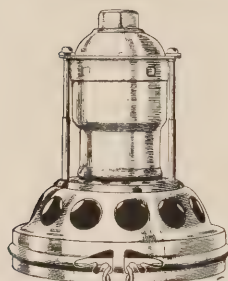
Also Nos. 5340 and 5595 Also Nos. 5594 and 5596



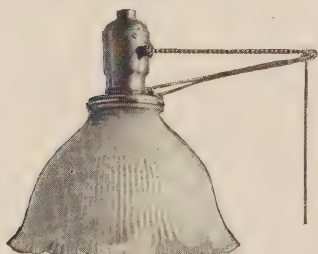
Form T



Form H



Form A



Style O



Style H

HUBBELL SHADE HOLDERS

Trade No.	Mfrs. No.	Size Holder Inches	Gross, per Std. Pkg.	Wt., Lbs. Std. Pkg.	Price per Gross
040653	5590	1 5/8	5	20	\$9.00
040654	5339	2 1/4	5	38	9.00
040655	5340	3 1/4	1	12	18.00
040656	5595	4	1	20	24.00
040657	5594	2 1/2	5	24	9.50
040658	5596	3 3/4	1	10	18.50
040659	5597	4	1	20	30.00
040660	5528	2 1/4	2	..	12.50

Polished brass finish shipped unless otherwise ordered. Above prices are for polished brass, brush brass or rich gilt. All other finishes, \$2.50 per gross in addition to above prices, except on 4-inch holders, which are \$5.00 per gross extra.

HOLOPHANE SHADE HOLDERS

Trade No.	Form	Size, Holder Inches	Std. Pkg.	Price per 100
040661	T	1 5/8	50	\$10.00
040665	O	2 1/4	30	18.00
040662	H	2 1/4	30	26.00
040663	A	3 1/4	12	65.00

Above prices are for polished or brush brass finish. Oxidized copper or black, add 3 cents each net; all other finishes, 5 cents each, net. Be sure to use the proper holder as specified under the listing of shades.

HUBBELL ATTACHMENTS, FOR PULL SOCKETS

Made in two sizes, No. 3 for all shades up to No. 3D, No. 5 for all shades from Nos. 3D to 5D.

To Fit Style O Holders

Trade No.	Mfrs. No.	Finish	Price Each
040664	3	Brass	\$0.25
040664A	3	Nickel	.30
040666	3	Ox. copper	.30
040667	5	Brass	.25
040668	5	Nickel	.30
040669	5	Ox. copper	.30

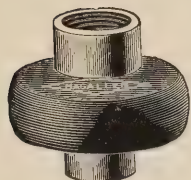
To Fit Style H Holders

040670	3	Brass	.25
040671	3	Nickel	.30
040672	3	Ox. copper	.30
040673	5	Brass	.25
040674	5	Nickel	.30
040675	5	Ox. copper	.30

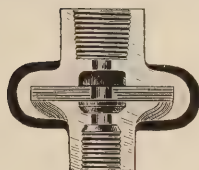
Style S, To Fit Brass Shell Sockets

076724	3	Brass	.25
076725	3	Nickel	.30
076726	3	Ox. copper	.30
076727	5	Brass	.25
076728	5	Nickel	.30
076729	5	Ox. copper	.30

MACALLEN INSULATING SPECIALTIES



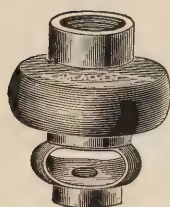
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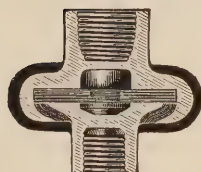
No. 071041



No. 071141



No. 071221



No. 071061



No. 071151

INSULATING JOINTS FOR COMBINATION FIXTURES

Chandelier Sizes, Malleable Iron

Trade No.	Size Inches	Price Each	Code Word	Trade No.	Size Inches	Price Each	Code Word
071041	$\frac{3}{8}$ x $\frac{1}{8}$	\$0.45	Fljo	071049	$\frac{3}{4}$ x $\frac{1}{2}$	\$1.25	Fmod
071042	$\frac{3}{8}$ x $\frac{1}{4}$	.45	Flju	071050	$\frac{3}{4}$ x $\frac{3}{4}$	1.25	Fmok
071043	$\frac{3}{8}$ x $\frac{3}{8}$	.45	Flki	071051	1 x $\frac{1}{2}$	1.75	Fmom
071044	$\frac{1}{2}$ x $\frac{1}{8}$	.60	Flks	071052	1 x $\frac{3}{4}$	1.75	Fmon
071045	$\frac{1}{2}$ x $\frac{1}{4}$	.60	Flku	071053	1 x 1	1.75	Fmow
071046	$\frac{1}{2}$ x $\frac{3}{8}$	.60	Flis	071055	$1\frac{1}{4}$ x $1\frac{1}{4}$	3.75	Fmru
071047	$\frac{1}{2}$ x $\frac{1}{2}$	.60	Flna	071056	$1\frac{1}{2}$ x $1\frac{1}{2}$	6.00	Fmpt
071048	$\frac{3}{4}$ x $\frac{3}{8}$	1.25	Flne	071057	2 x 2	9.00	Fmpx

Bracket Sizes, Malleable Iron

071141	$\frac{3}{8}$ x $\frac{1}{8}$	.36	Flno	071145	$\frac{1}{2}$ x $\frac{1}{4}$	.50	Fnte
071142	$\frac{3}{8}$ x $\frac{1}{4}$	.36	Flnu	071146	$\frac{1}{2}$ x $\frac{3}{8}$	.50	Fmts
071143	$\frac{3}{8}$ x $\frac{3}{8}$	.36	Flnc	071147	$\frac{1}{2}$ x $\frac{1}{2}$	.50	Fmub
071144	$\frac{1}{2}$ x $\frac{1}{8}$	.50	Flod				

ELECTROLIER OR SEPARABLE JOINTS

Electrolier Sizes, Malleable Iron

071221	$\frac{3}{8}$ x $\frac{1}{8}$	.50	Flog	071227	$\frac{1}{2}$ x $\frac{1}{2}$	.65	Fmuf
071222	$\frac{3}{8}$ x $\frac{1}{4}$	.50	Floj	071228	$\frac{3}{4}$ x $\frac{3}{8}$	1.35	Fmuh
071223	$\frac{3}{8}$ x $\frac{3}{8}$	.50	Floo	071229	$\frac{3}{4}$ x $\frac{1}{2}$	1.35	Fmuk
071224	$\frac{1}{2}$ x $\frac{1}{8}$	.65	Flop	071230	$\frac{3}{4}$ x $\frac{3}{4}$	1.35	Fmur
071225	$\frac{1}{2}$ x $\frac{1}{4}$	.65	Flpi	071249	1 x $\frac{3}{4}$	2.00	Fmvo
071226	$\frac{1}{2}$ x $\frac{3}{8}$	.65	Flra	071250	1 x 1	2.00	Fmwi

Bracket Sizes, Malleable Iron

071241	$\frac{3}{8}$ x $\frac{1}{8}$	.45	Flss	071244	$\frac{1}{2}$ x $\frac{1}{8}$	.55	Fmyp
071242	$\frac{3}{8}$ x $\frac{1}{4}$	.45	Flte	071245	$\frac{1}{2}$ x $\frac{1}{4}$	.55	Fmyk
071243	$\frac{3}{8}$ x $\frac{3}{8}$	.45	Flth	071246	$\frac{1}{2}$ x $\frac{3}{8}$	.55	Fmys

BLANK, FOR EXTERNALLY WIRED ELECTRIC FIXTURES

Chandelier Sizes, Malleable Iron

071061	$\frac{3}{8}$ x $\frac{1}{8}$	.45	Fluf	071069	$\frac{3}{4}$ x $\frac{1}{2}$	1.25	Fnah
071062	$\frac{3}{8}$ x $\frac{1}{4}$	.45	Flug	071070	$\frac{3}{4}$ x $\frac{3}{4}$	1.25	Fnaj
071063	$\frac{3}{8}$ x $\frac{3}{8}$	.45	Flul	071071	1 x $\frac{1}{2}$	1.75	Fnak
071064	$\frac{1}{2}$ x $\frac{1}{8}$	.60	Flum	071072	1 x $\frac{3}{4}$	1.75	Fnap
071065	$\frac{1}{2}$ x $\frac{1}{4}$	.60	Flus	071073	1 x 1	1.75	Fnav
071066	$\frac{1}{2}$ x $\frac{3}{8}$	.60	Fluv	071075	$1\frac{1}{4}$ x $1\frac{1}{4}$	3.75	Fnaw
071067	$\frac{1}{2}$ x $\frac{1}{2}$	.60	Fluy	071076	$1\frac{1}{2}$ x $1\frac{1}{2}$	6.00	Fmew
071068	$\frac{3}{4}$ x $\frac{3}{8}$	1.25	Flve	071077	2 x 2	9.00	Fmex

Bracket Sizes, Malleable Iron

071151	$\frac{3}{8}$ x $\frac{1}{8}$	.36	Flwa	071155	$\frac{1}{2}$ x $\frac{1}{4}$	.50	Fmfa
071152	$\frac{3}{8}$ x $\frac{1}{4}$	.36	Flxe	071156	$\frac{1}{2}$ x $\frac{3}{8}$	.50	Fmfe
071153	$\frac{3}{8}$ x $\frac{3}{8}$	.36	Flyk	071157	$\frac{1}{2}$ x $\frac{1}{2}$	.50	Fmfo
071154	$\frac{1}{2}$ x $\frac{1}{8}$	.50	Flym				

Prices quoted on application on insulating joints made for larger sizes, extra heavy, of composition brass or with male and female threads.

WIRT INSULATING JOINTS

JOINTS FOR COMBINATION FIXTURES

Types CG and CE
Joint

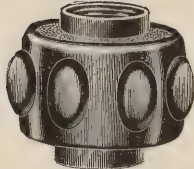
Chandelier Sizes

Trade No.	Mfrs. No.	Size Inches	Price Each	Trade No.	Mfrs. No.	Size Inches	Price Each
083184	CG1418	$\frac{1}{4} \times \frac{1}{8}$	\$0.50	083213	CG1214	$\frac{1}{2} \times \frac{1}{4}$	\$0.60
083185	CG1414	$\frac{1}{4} \times \frac{1}{4}$	.50	083214	CG1238	$\frac{1}{2} \times \frac{3}{8}$	.60
083186	CG3818	$\frac{3}{8} \times \frac{1}{8}$	.45	083215	CG1212	$\frac{1}{2} \times \frac{1}{2}$	.60
083187	CG3814	$\frac{3}{8} \times \frac{1}{4}$	.45	083216	CG3412	$\frac{3}{4} \times \frac{1}{2}$	1.25
083188	CG3838	$\frac{3}{8} \times \frac{3}{8}$	.45	083217	CG3434	$\frac{3}{4} \times \frac{3}{4}$	1.25
083189	CG1218	$\frac{1}{2} \times \frac{1}{8}$	.60	.....	.....	.....	...

Bracket Sizes

083190	BG1418	$\frac{1}{4} \times \frac{1}{8}$	.40	083218	BG1218	$\frac{1}{2} \times \frac{1}{8}$	.50
083191	BG1414	$\frac{1}{4} \times \frac{1}{4}$	.40	083219	BG1214	$\frac{1}{2} \times \frac{1}{4}$	.50
083192	BG3818	$\frac{3}{8} \times \frac{1}{8}$	.36	083220	BG1238	$\frac{1}{2} \times \frac{3}{8}$	.50
083193	BG3814	$\frac{3}{8} \times \frac{1}{4}$	.36	083221	BG1212	$\frac{1}{2} \times \frac{1}{2}$	.50
083194	BG3838	$\frac{3}{8} \times \frac{3}{8}$	.36	.....	.....	.....	...

BLANK, FOR EXTERNALLY WIRED ELECTRIC FIXTURES

Type BE
Joint

Chandelier Sizes

083195	CE3818	$\frac{3}{8} \times \frac{1}{8}$	.45	083222	CE1238	$\frac{1}{2} \times \frac{3}{8}$	.60
083196	CE3814	$\frac{3}{8} \times \frac{1}{4}$	.45	083223	CE1212	$\frac{1}{2} \times \frac{1}{2}$	.60
083197	CE3838	$\frac{3}{8} \times \frac{3}{8}$	.45	083224	CE3412	$\frac{3}{4} \times \frac{1}{2}$	1.25
083198	CE1218	$\frac{1}{2} \times \frac{1}{8}$	.60	083225	CE3434	$\frac{3}{4} \times \frac{3}{4}$	1.25
083199	CE1214	$\frac{1}{2} \times \frac{1}{4}$	.60	.....	.....	.....	...

Bracket Sizes

083200	BE1418	$\frac{1}{4} \times \frac{1}{8}$	.40	083226	BE1218	$\frac{1}{2} \times \frac{1}{8}$	.50
083201	BE1414	$\frac{1}{4} \times \frac{1}{4}$	.40	083227	BE1214	$\frac{1}{2} \times \frac{1}{4}$	.50
083202	BE3818	$\frac{3}{8} \times \frac{1}{8}$	.36	083228	BE1238	$\frac{1}{2} \times \frac{3}{8}$	.50
083203	BE3814	$\frac{3}{8} \times \frac{1}{4}$	.36	083229	BE1212	$\frac{1}{2} \times \frac{1}{2}$	.50
083204	BE3838	$\frac{3}{8} \times \frac{3}{8}$	.36	.....	.....	.....	...

JOINTS FOR INTERNALLY WIRED ELECTRIC FIXTURES
WITH DETACHABLE HICKEYType CD
Joint

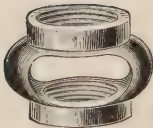
Chandelier Sizes

083205	CD3818	$\frac{3}{8} \times \frac{1}{8}$	.50	083230	CD1238	$\frac{1}{2} \times \frac{3}{8}$	.66
083206	CD3814	$\frac{3}{8} \times \frac{1}{4}$	.50	083231	CD1212	$\frac{1}{2} \times \frac{1}{2}$	.66
083207	CD3838	$\frac{3}{8} \times \frac{3}{8}$	.50	083232	CD3412	$\frac{3}{4} \times \frac{1}{2}$	1.35
083208	CD1218	$\frac{1}{2} \times \frac{1}{8}$	.66	083233	CD3434	$\frac{3}{4} \times \frac{3}{4}$	1.35
083209	CD1214	$\frac{1}{2} \times \frac{1}{4}$	.66	.....	.....	.....	...

Bracket Sizes

083210	BD3818	$\frac{3}{8} \times \frac{1}{8}$	.45	083234	BD1218	$\frac{1}{2} \times \frac{1}{8}$	.55
083211	BD3814	$\frac{3}{8} \times \frac{1}{4}$	.45	083235	BD1214	$\frac{1}{2} \times \frac{1}{4}$	.55
083212	BD3838	$\frac{3}{8} \times \frac{3}{8}$	.45	083236	BD1238	$\frac{1}{2} \times \frac{3}{8}$	.55

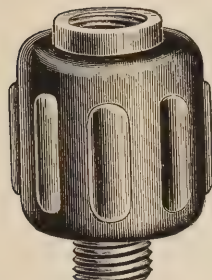
These joints consist of two threaded pipe caps or thimbles separated by mica, and held in a heavy corrugated drawn steel shell filled with a stone-like insulating material, which has been named "Dielite." It is fireproof, of high insulating quality and very strong. Owing to the great strength of this joint, it is possible to tap both ends simultaneously after completion, thus insuring alignment. The double fluting of the surfaces renders it impossible to twist the parts.



Hickey

WIRT INSULATING JOINTS

BLANK, WITH MALE AND FEMALE THREADS

Type CM
Joint

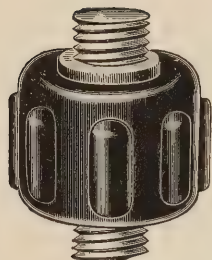
Chandler Sizes

Trade No.	Mfrs. No.	Size Inches	Price Each	Trade No.	Mfrs. No.	Size Inches	Price Each
083237	CM3818	$\frac{3}{8}$ Fx $\frac{1}{8}$ M	\$0.45	083267	CM1238	$\frac{1}{2}$ Fx $\frac{3}{8}$ M	\$0.60
083238	CM3814	$\frac{3}{8}$ Fx $\frac{1}{4}$ M	.45	083268	CM1212	$\frac{1}{2}$ Fx $\frac{1}{2}$ M	.60
083239	CM3838	$\frac{3}{8}$ Fx $\frac{3}{8}$ M	.45	083269	CM3412	$\frac{3}{4}$ Fx $\frac{1}{2}$ M	1.25
083240	CM1218	$\frac{1}{2}$ Fx $\frac{1}{8}$ M	.60	083270	CM3434	$\frac{3}{4}$ Fx $\frac{3}{4}$ M	1.25
083241	CM1214	$\frac{1}{2}$ Fx $\frac{1}{4}$ M	.60	.....	.....	.....	....

Bracket Sizes

083242	BM3818	$\frac{3}{8}$ Fx $\frac{1}{8}$ M	.42	083271	BM1218	$\frac{1}{2}$ Fx $\frac{1}{8}$ M	.52 $\frac{1}{2}$
083243	BM3814	$\frac{3}{8}$ Fx $\frac{1}{4}$ M	.42	083272	BM1214	$\frac{1}{2}$ Fx $\frac{1}{4}$ M	.52 $\frac{1}{2}$
083244	BM3838	$\frac{3}{8}$ Fx $\frac{3}{8}$ M	.42	083273	BM1238	$\frac{1}{2}$ Fx $\frac{3}{8}$ M	.52 $\frac{1}{2}$

BLANK, WITH DOUBLE MALE THREADS

Type CMM
Joint

Chandler Sizes

083245	CMM3818	$\frac{3}{8}$ Mx $\frac{1}{8}$ M	.50	083274	CMM1238	$\frac{1}{2}$ Mx $\frac{3}{8}$ M	.65
083246	CMM3814	$\frac{3}{8}$ Mx $\frac{1}{4}$ M	.50	083275	CMM1212	$\frac{1}{2}$ Mx $\frac{1}{2}$ M	....
083247	CMM3838	$\frac{3}{8}$ Mx $\frac{3}{8}$ M	.50	083276	CMM3412	$\frac{3}{4}$ Mx $\frac{1}{2}$ M	....
083248	CMM1218	$\frac{1}{2}$ Mx $\frac{1}{8}$ M	.65	083277	CMM3434	$\frac{3}{4}$ Mx $\frac{3}{4}$ M	....
083249	CMM1214	$\frac{1}{2}$ Mx $\frac{1}{4}$ M	.65	.....	.....	.....	....

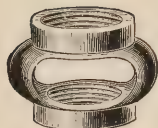
Bracket Sizes

083250	BMM3818	$\frac{3}{8}$ Mx $\frac{1}{8}$ M	.42	083278	BMM1218	$\frac{1}{2}$ Mx $\frac{1}{8}$ M	.52 $\frac{1}{2}$
083251	BMM3814	$\frac{3}{8}$ Mx $\frac{1}{4}$ M	.42	083279	BMM1214	$\frac{1}{2}$ Mx $\frac{1}{4}$ M	.52 $\frac{1}{2}$
083252	BMM3838	$\frac{3}{8}$ Mx $\frac{3}{8}$ M	.42	083280	BMM1238	$\frac{1}{2}$ Mx $\frac{3}{8}$ M	.52 $\frac{1}{2}$

Standard package, joints, 200.

MALLEABLE IRON HICKEYS

Both Ends Tapped for Standard Iron Pipe Threads

Type H
Hickey

083253	H1818	$\frac{1}{8}$ x $\frac{1}{8}$	.06	083281	H1218	$\frac{1}{2}$ x $\frac{1}{8}$	.10
083254	H1418	$\frac{1}{4}$ x $\frac{1}{8}$	.06	083282	H1214	$\frac{1}{2}$ x $\frac{1}{4}$	.10
083255	H1414	$\frac{1}{4}$ x $\frac{1}{4}$	.06	083283	H1238	$\frac{1}{2}$ x $\frac{3}{8}$	.10
083256	H3818	$\frac{3}{8}$ x $\frac{1}{8}$	.08	083284	H1212	$\frac{1}{2}$ x $\frac{1}{2}$	.10
083257	H3814	$\frac{3}{8}$ x $\frac{1}{4}$	.08	083285	H3412	$\frac{3}{4}$ x $\frac{1}{2}$	.17 $\frac{1}{2}$
083258	H3838	$\frac{3}{8}$ x $\frac{3}{8}$	.08	083286	H3434	$\frac{3}{4}$ x $\frac{3}{4}$	.17 $\frac{1}{2}$

Standard package, hickies, 500.

MALE AND FEMALE HICKEYS

Type MF
Hickey

083259	H1818	$\frac{1}{8}$ Fx $\frac{1}{8}$ M	....	083287	H3814	$\frac{3}{8}$ Fx $\frac{1}{4}$ M	.10
083260	H1814	$\frac{1}{8}$ Fx $\frac{1}{4}$ M	.075	083288	H3838	$\frac{3}{8}$ Fx $\frac{3}{8}$ M	.10
083261	H1838	$\frac{1}{8}$ Fx $\frac{3}{8}$ M	.075	083289	H3812	$\frac{3}{8}$ Fx $\frac{1}{2}$ M	.10
083262	H1418	$\frac{1}{4}$ Fx $\frac{1}{8}$ M	....	083290	H1218	$\frac{1}{2}$ Fx $\frac{1}{8}$ M	....
083263	H1414	$\frac{1}{4}$ Fx $\frac{1}{4}$ M	.075	083291	H1214	$\frac{1}{2}$ Fx $\frac{1}{4}$ M	.125
083264	H1438	$\frac{1}{4}$ Fx $\frac{3}{8}$ M	.075	083292	H1238	$\frac{1}{2}$ Fx $\frac{3}{8}$ M	.125
083265	H3818	$\frac{3}{8}$ Fx $\frac{1}{8}$ M	....	083293	H1212	$\frac{1}{2}$ Fx $\frac{1}{2}$ M	.125

MACALLEN INSULATING SPECIALTIES

INSULATED CROW FEET



No. 1401

Malleable Iron			
Trade No.	Mfrs. No.	Size Inches	Price Each
041201	1401	$\frac{1}{8}$	\$0.45
041202	1402	$\frac{1}{4}$	.45
041203	1403	$\frac{3}{8}$	.45
041204	1404	$\frac{1}{2}$	.60
041205	1405	$\frac{3}{4}$	1.25

INSULATED FIXTURE STUDS

Without Hickey, Malleable Iron

Trade No.	Mfrs. No.	Size Inches	Price Each
041206	1335	$\frac{1}{8}$	.37 $\frac{1}{2}$
041207	1339	$\frac{1}{4}$	.37 $\frac{1}{2}$
041208	1340	$\frac{3}{8}$	.40

With Hickey, Malleable Iron

Trade No.	Mfrs. No.	Size Inches	Price Each
041209	1329	$\frac{1}{8}$	.45
041210	1330	$\frac{1}{4}$	.45
041211	1334	$\frac{3}{8}$	.45

Fixture studs furnished to order in composition brass.
 Fixture studs designed to fit standard outlet boxes.

MALLEABLE IRON HICKEYS

Both Ends Tapped for Standard Pipe Sizes

Trade No.	Size Inches	Price Each	Trade No.	Size Inches	Price Each
041450	$\frac{1}{8}$ x $\frac{1}{8}$	\$0.06	041462	$\frac{1}{2}$ x $\frac{1}{4}$	\$0.10
041451	$\frac{1}{4}$ x $\frac{1}{8}$	.06	041463	$\frac{1}{2}$ x $\frac{3}{8}$	.10
041452	$\frac{1}{4}$ x $\frac{1}{4}$	.06	041456	$\frac{1}{2}$ x $\frac{1}{2}$	.10
041453	$\frac{3}{8}$ x $\frac{1}{8}$	.08	041464	$\frac{3}{4}$ x $\frac{1}{2}$	.17 $\frac{1}{2}$
041454	$\frac{3}{8}$ x $\frac{1}{4}$	.08	041457	$\frac{3}{4}$ x $\frac{3}{4}$	.17 $\frac{1}{2}$
041455	$\frac{3}{8}$ x $\frac{3}{8}$	.08	041465	1 x $\frac{3}{4}$	.25
041461	$\frac{1}{2}$ x $\frac{1}{8}$	.10	041458	1 x 1	.25

ROUND CANOPY INSULATORS

White

Trade No.	Mfrs. No.	Size Inches	Price Each	Trade No.	Mfrs. No.	Size Inches	Price Each
041212	W 9	2 $\frac{1}{4}$	\$0.15	041242	W17	4 $\frac{1}{4}$	\$0.23
041213	W10	2 $\frac{1}{2}$	.16	041243	W18	4 $\frac{1}{2}$	.24
041214	W11	2 $\frac{3}{4}$	.17	041244	W19	4 $\frac{3}{4}$	.26
041215	W12	3	.18	041245	W20	5	.28
041216	W13	3 $\frac{1}{4}$	.19	041246	W21	5 $\frac{1}{4}$	.30
041217	W14	3 $\frac{1}{2}$	.20	041247	W22	5 $\frac{1}{2}$	.32
041218	W15	3 $\frac{3}{4}$	.21	041248	W23	5 $\frac{3}{4}$	.34
041219	W16	4	.22	041249	W24	6	.36

Brown

Trade No.	Mfrs. No.	Size Inches	Price Each	Trade No.	Mfrs. No.	Size Inches	Price Each
041220	B 9	2 $\frac{1}{4}$	.10	041251	B17	4 $\frac{1}{4}$	.15
041221	B10	2 $\frac{1}{2}$	.105	041252	B18	4 $\frac{1}{2}$	.16
041222	B11	2 $\frac{3}{4}$	.11	041253	B19	4 $\frac{3}{4}$	.17
041223	B12	3	.115	041254	B20	5	.18
041224	B13	3 $\frac{1}{4}$	.12	041255	B21	5 $\frac{1}{4}$	.20
041225	B14	3 $\frac{1}{2}$	.125	041256	B22	5 $\frac{1}{2}$	.22
041226	B15	3 $\frac{3}{4}$	.13	041257	B23	5 $\frac{3}{4}$	.24
041227	B16	4	.14	041258	B24	6	.26

SQUARE CANOPY INSULATORS

White

Trade No.	Mfrs. No.	Size Inches	Price Each	Trade No.	Mfrs. No.	Size Inches	Price Each
041228	SW12	3	.25	041259	SW19	4 $\frac{3}{4}$	.46
041229	SW13	3 $\frac{1}{4}$	.28	041260	SW20	5	.49
041230	SW14	3 $\frac{1}{2}$	.31	041261	SW21	5 $\frac{1}{4}$	.53
041231	SW15	3 $\frac{3}{4}$	.34	041262	SW22	5 $\frac{1}{2}$	.57
041232	SW16	4	.37	041263	SW23	5 $\frac{3}{4}$	.61
041233	SW17	4 $\frac{1}{4}$	.40	041264	SW24	6	.65
041234	SW18	4 $\frac{1}{2}$	.43				

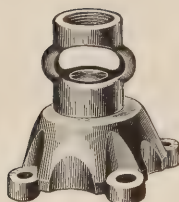
Brown

Trade No.	Mfrs. No.	Size Inches	Price Each	Trade No.	Mfrs. No.	Size Inches	Price Each
041235	SB12	3	.20	041265	SB19	4 $\frac{3}{4}$	.34
041236	SB13	3 $\frac{1}{4}$	.22	041266	SB20	5	.36
041237	SB14	3 $\frac{1}{2}$	.24	041267	SB21	5 $\frac{1}{4}$	.40
041238	SB15	3 $\frac{3}{4}$	.26	041268	SB22	5 $\frac{1}{2}$	.44
041239	SB16	4	.28	041269	SB23	5 $\frac{3}{4}$	.48
041240	SB17	4 $\frac{1}{4}$	.30	041270	SB24	6	.52
041241	SB18	4 $\frac{1}{2}$	.32				

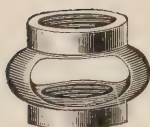
Prices on larger sizes quoted on application.



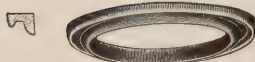
No. 1335



No. 1329



Hickey










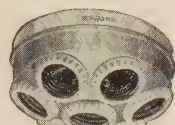










Round Canopy Insulator



Square Canopy Insulator

BENJAMIN MULTIPLE CLUSTERS

NATIONAL ELECTRICAL CODE STANDARD.

		Trade No.	Mfr. No.	No. Lights.	TYPE 8. Diameter Inches.	Std. Pkg	Price Each.	Code Word.
		020864	82	2	2½	10	\$1.00	Hbca
No. 82.	No. 23.	020865	22	2	3	10	1.35	Hbcu
		020866	23	3	3	10	1.60	Hbde
						TYPE 1.		
		020867	12	2	4	10	1.60	Hbd
		020868	13	3	4	10	1.85	Hbeb
		020869	14	4	4	10	2.10	Hbed
No. 15.	No. 16K.	020870	15	5	4	10	2.35	Hben
		020871	16	6	4	10	2.60	Hbet
						TYPE K.		
		020872	13K	3	4	10	1.85	Hbex
		020873	14K	4	4	10	2.10	Hbfa
		020874	15K	5	4	10	2.35	Hbfe
No. 76.		020875	16K	6	4	10	2.60	Hbge
		020876	17K	7	4	10	2.85	Hbgi
						TYPE 7.		
		020877	72	2	4	10	2.60	Hbgo
		020878	73	3	4	10	2.85	Hbha
		020879	74	4	4	10	3.10	Hbib
No. 32.		020880	75	5	4	10	3.35	Hbif
		020881	76	6	4	10	3.60	Hbik
						TYPE 600.		
		020882	608	8	6¾	10	5.00	Hbix
		020883	610	10	8¾	10	5.60	Hbja
		020884	612	12	8¾	10	6.20	Hbka
No. 56.		020885	615	15	11¾	10	8.00	Hbke
		020886	620	20	11¾	10	10.00	Hble
						TYPE 3.		
		020887	32	2	3⅞	10	1.60	Hblu
		020888	33	3	3⅞	10	1.85	Hbnu
						TYPE 3K.		
No. 55K.		020889	33K	3	4½	10	2.00	Hbob
		020890	34K	4	4½	10	2.25	Hbok
		020891	35K	5	4½	10	2.50	Hbom
		020892	36K	6	4½	10	2.75	Hbon
		020893	37K	7	4½	10	3.00	Hbox
						TYPE 5.		
No. 55K.		020894	52	2	2⅝ ₁₆	10	1.60	Hbqu
		020895	53	3	2⅝ ₁₆	10	1.85	Hbuc
		020896	54	4	2⅝ ₁₆	10	2.10	Hbuk
		020897	55	5	2⅝ ₁₆	10	2.35	Hbun
		020898	56	6	2⅝ ₁₆	10	2.60	Hbus
						TYPE 5K.		
No. 55K.		020899	53K	3	....	10	1.85	Hbyl
		020900	54K	4	....	10	2.10	Hbyr
		020901	55K	5	....	10	2.35	Hbys
		020902	56K	6	....	10	2.60	Hbyv
		020903	57K	7	....	10	2.85	Hcab

Above prices include flanges for ¾-inch iron pipe. Clusters, except type 600, may be furnished with cast iron flange, tapped for ½-inch pipe, or with steel covers adapted for 3-inch or 4-inch outlet boxes.


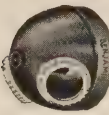






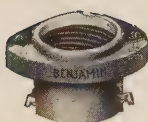
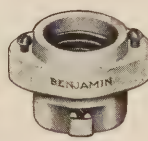


Diameters given on types 5 and 5K are of the supporting base only. Outside diameter of cluster is 4 inches.

Series connected clusters, types 1½ and 2½, may be furnished at the same price as type 1 multiple clusters.

Separable wireless clusters, types 5 and 5K, consist of two principal parts, separably connected, making it possible to attach or remove body portion or finished part without disturbing wiring connections. Standard finish is polished brass. Brushed (old) brass, dead black, Aluminum metal for weatherproof forms may be substituted without additional charge; Nickel, Oxidized or Mottled Copper at 10% additional.

BENJAMIN SPECIALTIES

NATIONAL ELECTRICAL CODE STANDARD

		PLUG CLUSTERS				Std. Price		Code	
		Trade No.	Mfrs. No.	Number Lights		Pkg.	Each	Word	
	No. 92	020912	92	2	Multiple	10	\$1.00	Hamb	
	No. 19	020913	93	3	Multiple	10	1.30	Hame	
		020914	94	4	Multiple	10	1.60	Hamp	
		020915	92½	2	Series	10	1.00	Hamu	
WALL BRACKETS									
		020916	18	1	Multiple	10	.50	Hani	
		020917	19	2	Multiple	10	.90	Hanp	
		020918	19½	2	Series	10	.90	Hant	
ANGLE SOCKETS									
	No. 411	020919	411	1	⅛-inch	50	.35	Haob	
	No. 412	020920	451	1	¼-inch	50	.35	Haog	
		020921	431	1	⅜-inch.	50	.40	Haov	
TWIN SOCKETS									
		020922	412	2	Multiple, ⅛-inch	50	.65	Hape	
		020923	452	2	Multiple, ¼-inch	50	.65	Haph	
		020924	432	2	Multiple, ⅜-inch	50	.70	Hapu	
	No. 9001	020925	412½	2	Series, ⅛-inch	50	.65	Hara	
	No. 9002	020926	452½	2	Series, ¼-inch	50	.65	Harf	
		020927	432½	2	Series, ⅜-inch	50	.70	Harg	
ROTATING SOCKETS									
		020928	9001	1	Unbalanced	25	.70	Haru	
		020929	9011	1	Inside balance	25	.80	Hash	
		020930	9021	1	Outside balance	25	.90	Hasu	
		020931	9002	2	Multiple	25	1.00	Hath	
		020932	9013	3	Multiple	25	1.30	Hats	
		020933	9024	4	Multiple	25	1.60	Haue	
SOCKET EXTENSIONS									
		020934	91		Dipped Brass	50	.25	Haug	
CURRENT TAPS									
	No. 91	020935	95		Multiple	50	.50	Hauk	
	No. 95	020936	95½		Series	50	.50	Haum	
SIGN RECEPTACLES									
		020937	6		Receptacle with bolts	100	.20	Haur	
OUTLET BOX RECEPTACLES									
		020938	6B		Receptacle with bolts	100	.20	Hayg	
		020939	3623		Steel plate only for 3-inch outlet boxes	100	.10	Hayl	
		020940	3624		Steel plate only for 4-inch outlet boxes	100	.12	Hbac	
	No. 6	020941	3623B		Plate with polished brass cover for 3-inch outlet box	100	.20	Hbad	
	No. 6B	020942	3624B		Plate with polished brass cover for 4-inch outlet box	100	.25	Hbaf	
KEYLESS SOCKETS									
		020943	81		1 Light	10	.45	Hbap	
BENCO WEATHERPROOF SOCKETS									
	No. 81	020944	4200		Aluminum shell, ½-in	50	.70	Hbar	
	No. 4200	020945	4201		Aluminum shell, ⅜-in	50	.70	Hbat	
		020946	4202		Brass shell, ½-in	50	.70	Hbba	
		020947	4203		Brass shell, ⅜-in	50	.70	Hbbe	
		020948	4201M		Alum. shell, male, ⅜-in.	50	.70	Hbbo	

Rotating sockets, and current taps are provided with rotating sleeves, making it possible to attach and fix the device in any desired position without turning it.

3 and 4-inch outlet box covers with 2¼-inch shade holder will be furnished for 30 and 35 cents list respectively. Benco with 2¼-inch or 3¼-inch holder will be furnished at an advance of 20 and 35 cents list each on above prices.

Standard metal finish is polished brass, unless otherwise specified. For finish other than dipped brass for socket extensions add 3 cents to list price except with rotating sockets where an additional 10 cents list will be charged.

BENJAMIN MAZDA FIXTURES

NATIONAL ELECTRICAL CODE STANDARD

MAZDA ARCS

Open

Trade No.	Mfrs. No.	No. Lights	Length Inches	Reflector Size, In.	Price Each Less Lamps	Code Word
038878	T44	4	23	18	\$8.95	Aelga
038879	T45	5	23	18	9.25	Aelgo
038880	T44K	4	23	18	8.95	Aelgu
038881	T45K	5	23	18	9.25	Aelho
038882	T46K	6	23	18	9.55	Aelig

Enclosed

038883	T83	3	23	18	11.30	Aelin
038884	T84	4	23	18	11.60	Aelji
038885	T85	5	23	18	11.90	Aeljo

Consist of cluster body with special reflector shell of frosted aluminum, 15-inch stem of $\frac{3}{8}$ -inch iron pipe and $\frac{3}{4}$ -inch brass casing, reflector holder, 18-inch opal reflector, $5\frac{1}{2} \times 4$ inches canopy, and crowfoot.

The enclosed fixtures are the open fixtures with globe added. The former will take 60-watt lamps, the latter 100-watt lamps.

Style 50

038886	T52	2	23	18	7.40	Aelki
038887	T53	3	23	18	7.70	Aelku
038888	T54	4	23	18	8.00	Aelms
038889	T55	5	23	18	8.30	Aelna

Consist of cluster body, enameled steel reflector plate, 15-inch stem of $\frac{3}{8}$ -inch iron pipe and $\frac{3}{4}$ -inch brass casing, 18-inch opal reflector, 5×4 inch canopy and crowfoot. 100 watt lamps may be used. For shock absorber add 45 cents list. For pendent switch and one yard of flexible cord, add \$1.00 to list.

Standard finish on all Mazda arcs is brush brass.

MAZDA ADAPTERS

Trade No.	Mfrs. No.	Std. Pkg	Price Each	Code Word
038890	99	25	\$0.70	Aelno

The rotating sleeve permits a complete revolution of the socket while the hinge joint allows a wide range of angular adjustment.

Standard finish is brush brass.

ADJUSTABLE SOCKET CLUSTERS

Trade No.	Mfrs. No.	No. Lights	Size Bushings Inches	Std. Pkg.	Price Each	Code Word
038891	852	2	$\frac{3}{8}$	10	\$1.00	Aelnu
038892	853	3	$\frac{3}{8}$	10	1.30	Aeloc
038893	854	4	$\frac{3}{8}$	10	1.60	Aelod

Standard finish is polished brass.

ADJUSTABLE PLUGS

038894	952	2	Wired	10	1.25	Aeloj
038895	953	3	Wired	10	1.55	Aeloo
038896	954	4	Wired	10	1.85	Aelop

Designed for use with ceiling or pendent dome fixtures, stand lamps in dining rooms, reading rooms, etc. The sockets may be turned to any position between two points 180 degrees apart and locked by means of a screw. 2 and 4-light clusters and plugs may be wired two in series for low voltage Mazda lamps on 220 volt circuits.

Standard finish is polished brass.



No. T45K



No. T84



No. T54



No. 99



No. 853



No. 952

BENJAMIN WIRELESS CLUSTER MAZDA FIXTURES

NATIONAL ELECTRICAL CODE STANDARD

OPAL REFLECTOR STYLE



No. 0335. 20 Inches
Over All

Trade No.	Mfrs. No.	No. Lights	Length Inches	Reflector Size In.	Price Each Less Lamp	Code Word
020816	0332	2	20	18	\$5.50	Haft
020817	0333	3	20	18	5.75	Hafu
020818	0334	4	20	18	6.00	Haga
020819	0335	5	20	18	6.25	Hage
020820	0732	2	20	16	4.50	Hagm
020821	0733	3	20	16	4.75	Hago

Consist of cluster body, standard 12-inch stem of $\frac{3}{8}$ -inch iron pipe and $\frac{3}{4}$ -inch brass casing, special deep holder, either 18-inch or 16-inch flat opal reflector, 5x4-inch canopy, and crowfoot; 5-light fixtures will take 60-watt lamps; other fixtures 100-watt lamps; Nos. 0732-0733 have stem of $\frac{5}{8}$ -inch brass tubing. Standard finish brush brass.

HOODED ENAMELED STEEL REFLECTOR STYLE



No. 0534. 20 Inches
Over All

Open, Indoor

020822	0532	2	20	16	4.55	Hags
020823	0533	3	20	16	4.80	Hahm
020824	0534	4	20	16	5.05	Hahn
020825	0535	5	20	16	5.30	Haht

Consist of cluster body, standard 12-inch stem of $\frac{3}{8}$ -inch iron pipe and $\frac{3}{4}$ -inch brass casing, 16-inch deeply hooded enameled steel reflector, 5x4-inch canopy, and crowfoot; 60-watt lamps may be used; 4-light fixtures with 18-inch reflector for 100-watt lamps will be furnished at an advance of 30 cents list. Standard finish brush brass.



No. 6034. 18 Inches
Over All

Open, Outdoor

042611	6032	2	18	16	4.20	Ahysk
042612	6033	3	18	16	4.45	Ahyuf
042613	6034	4	18	16	4.70	Ahyun
042614	6035	5	18	16	4.95	Ahyvu

Consist of aluminum cluster, standard 18-inch stem of $\frac{1}{2}$ -inch iron pipe, separable suspension fitting and 16-inch deeply hooded enameled steel reflector. Reflector and cluster are attached to each other in a water-tight joint by rubber gasket and flange; 60-watt lamps may be used. For fixture with gooseneck and wall fitting add 35 cents list. For suspension fitting with shock absorber, add 10 cents list. Iron parts are galvanized.



No. 6044. 21 Inches
Over All

Enclosed, Outdoor

020826	6042	2	21	18	8.10	Hahu
020827	6043	3	21	18	8.35	Haif
020828	6044	4	21	18	8.60	Haik
020829	6045	5	21	18	8.85	Hain

Consist of aluminum cluster shell, standard 8-inch stem of $\frac{1}{2}$ -inch iron pipe, separable suspension fitting, 18-inch enameled steel reflector, 11-inch glass globe and globe support. 60-watt lamps may be used. For shock absorber, add 10 cents list.

SERIES WIRELESS CLUSTER MAZDA FIXTURES

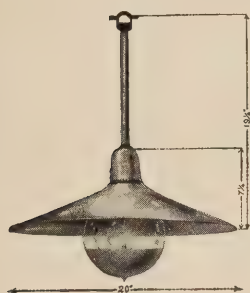


No. 0634 1/2. 20 Inches
Over All

020830	0632 1/2	2	20	18	4.40	Haix
020831	0634 1/2	4	20	18	4.90	Haja

Are especially designed for 75 and 100-watt street series lamps, with standard base. A 4-light fixture will furnish more useful light than a 6-ampere arc, and eliminate the item of trimming. For 16-inch reflector for use with 60-watt lamps deduct 30 cents list. For fixture with stem of $\frac{3}{8}$ -inch iron pipe and $\frac{3}{4}$ -inch brass casing, 5x4 inch canopy, and shock absorber, add 90 cents list.

BENJAMIN REFLECTOR SOCKETS

Showing 500 Watt Lamp
with Cone Reflector

Reflector sockets consist of a deeply-hooded one-piece enamel steel reflector, with a threaded bushing and strap tightly clamping the reflector between two leather washers, and a specially designed receptacle or socket. Reflectors furnished are of two general types: flat cone (distributing), for wide distribution; bowl-shaped (diffusing), for medium distribution. The hooded portion varies in depth to accommodate three kinds of lamps: carbon and short base, skirted base, and large base. Reflectors suitable for an intended distribution may thus be obtained. Each is designed for use with a definite range of lamps, and with particular regard for the correct relation of lamp filament and reflecting surface. 16 and 18 inches bowl-shaped reflectors for large base lamps are ventilated. Concentrating reflectors will be furnished on order. Connections are easily made. Fixtures for short base and skirted base lamps have special two-piece receptacle; fixtures for large base lamps have special one-piece socket. They are not intended for street series lighting.

FOR CARBON AND SHORT BASE LAMPS

Trade No.	Mfrs. No.	Diam Ins.	Style Reflector	Lamp Size Watts	Price Each	Code Word
047260	5431	14	Flat	.....	\$2.50	Aonyn
047261	5437	12	Bowl	.....	2.50	Aoad

FOR SKIRTED BASE LAMPS

047262	5401	14	Flat	40-60	2.50	Aooag
047263	5402	16	Flat	100-150	2.80	Aooax
047264	5403	18	Flat	250	3.40	Aooae
047265	5405	20	Flat	250	4.00	Aooao
047266	5421	12	Bowl	40-60	2.50	Aooaa
047267	5423	14	Bowl	100-150	2.80	Aooda
047268	5425	16	Bowl	250	3.40	Aoodo
047269	5427	18	Bowl	250	4.00	Aooek



No. 5421

FOR LARGE BASE (Edison No. 41) LAMPS

047270	5501	20	Flat	400-500	4.20	Aoofo
047271	5503	22	Flat	400-500	4.80	Aooft
047272	5507	16	Bowl	400-500	3.60	Aooftu
047273	5509	18	Bowl	400-500	4.20	Aooag

Fixtures 5431-5509 have socket tapped for $\frac{1}{2}$ -inch iron pipe, and reflector of indicated design and dimensions only. They may be ordered tapped $\frac{3}{8}$ -inch, or furnished with insulating bushing ($\frac{1}{4}$ opening) for attaching lamp cord, without additional charge. Prices are less lamps.

FOR CARBON AND SHORT BASE LAMPS

047274	5443	14	Flat	.....	3.40	Aooqe
047275	5449	12	Bowl	.....	3.40	Aooqe

FOR SKIRTED BASE LAMPS

047276	5411	14	Flat	40-60	3.40	Aooqs
047277	5412	16	Flat	100-150	3.70	Aooqu
047278	5413	18	Flat	250	4.30	Aoohl
047279	5415	20	Flat	250	4.90	Aooje
047280	5418	12	Bowl	40-60	3.40	Aooki
047281	5420	14	Bowl	100-150	3.70	Aooku
047282	5422	16	Bowl	250	4.30	Aoolb
047283	5424	18	Bowl	250	4.90	Aoolf



No. 5411

FOR LARGE BASE (Edison No. 41) LAMPS

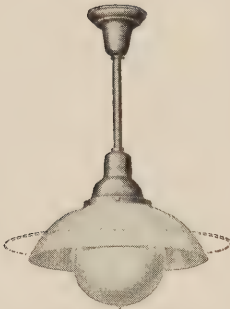
047284	5513	20	Flat	400-500	5.10	Aoolp
047285	5515	22	Flat	400-500	5.70	Aoolt
047286	5519	16	Bowl	400-500	4.50	Aoomb
047287	5521	18	Bowl	400-500	5.10	Aoomp

Fixtures 5443-5521 have socket, reflector of indicated design and dimensions, gooseneck of $\frac{1}{2}$ -inch iron pipe overhanging 30 inches, and wall fitting. 48-inch gooseneck of $\frac{3}{4}$ -inch iron pipe overhanging 40 inches, and pole fitting will be furnished at an advance of 40 cents list price. Iron parts are galvanized. Prices are less wires and lamps.

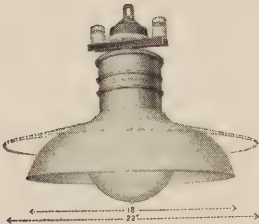
BENJAMIN LARGE UNIT INCANDESCENT FIXTURES



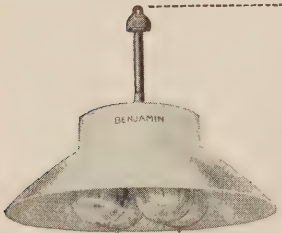
No. 321



No. 0211



No. 1621



No. 0664 1/2

CHAIN SUSPENSION

Trade No.	Mfrs. No.		Price Each	Code Word
052615	301	Complete less globe only with small base (Edison No. 1) socket	\$4.00	Bdxe1
052616	305	Complete less globe only with large base (Edison No. 41) socket	4.20	Bdxe0
052617	321	Complete with 10-inch x 6-inch Alba glass globe, small base (Edison No. 1) socket	6.70	BdxfA
052618	325	Complete with 10-inch x 6-inch Alba glass globe, large base (Edison No. 41) socket	6.90	Bdxfh

Fixtures Nos. 301-325 have integrally formed socket shell and 6-inch shade holder, with or without 10-inch x 6-inch Alba Glass Globe, suspension extending 12 inches from the top of socket shell to top of canopy, 5-inch x 4-inch canopy, and crowfoot. They are furnished with either small or large base (Edison No. 1 or No. 41) sockets, and are intended for 100- to 250-watt lamps. Prices are less wires and lamps. Standard finish is brushed brass.

STEM SUSPENSION

052619	0201	Less reflector only	3.90	BdxiP
052620	0211	With 16-inch bowl shaped reflector	6.00	BdxiS
052621	0221	With 20-inch flat cone reflector	6.00	BdxiV

Fixtures Nos. 0201-0221 have integrally formed socket shell and shade holder, No. 69 large base socket, either 16-inch bowl shaped or 20 inch flat cone opal reflector of special design, 12-inch stem of 3/4-inch iron pipe and 3/4-inch brass casing, 5-inch x 4 inch canopy, and crowfoot. They are intended for 250- to 500-watt large base (Edison No. 41) lamps. Sockets for standard base (Edison No. 1) lamps may be ordered without change in price. Glassware is supported by five 8-32 screws. Prices are less wires and lamps. Standard finish is brushed brass.

CONNECTING BLOCK SUSPENSION

052622	1601	With 18-inch bowl shaped reflector less cross arm	11.00	BdxiMu
052623	1611	With 22-inch flat cone reflector less cross arm	11.00	BdxiOh
052624	1621	With 18-inch bowl shaped reflector and cross arm	11.50	BdxiR
052625	1631	With 22-inch flat cone reflector and cross arm	11.50	BdxiPo

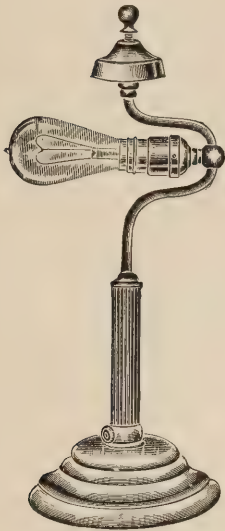
Fixtures Nos. 1601-1631 are large single unit fixtures resembling an arc lamp in appearance, and are designed to be hung in its stead and in substantially the same manner. They have either 18-inch bowl shaped or 22-inch flat cone enameled steel reflector (dotted lines) of special design, No. 69 large base socket, and enameled steel hood. Hood and reflector are blue black on the outside. Prices include wires but are less lamps.

MILL CLUSTERS

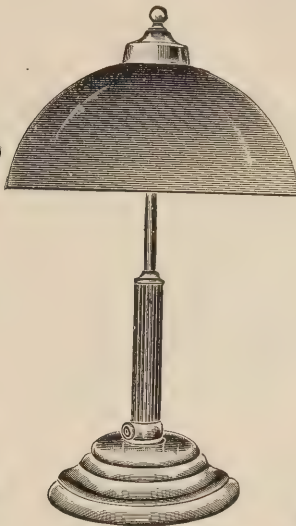
052626	0664 1/2	4-Light series with dome reflector	16.50	BdxiTa
052627	0684 1/2	4-Light series with flat cone reflector	16.50	BdxiUc

Fixtures Nos. 0664 1/2-0684 1/2 are especially designed for the lighting of mills and factories. The former has 24-inch enameled steel concentrating dome reflector, and is intended for use where it is necessary to hang the lighting units sufficiently high to clear traveling cranes; the latter has a 24-inch enameled steel flat cone distributing reflector, for use where the units are suspended from 25 to 30 feet above the floor. Both fixtures have large base sockets for 250-watt (S-40-B.) lamps (with voltage ranging from 55 to 62), 8-inch stem of 1 1/2-inch iron pipe, and weather proof shock absorber. They are regularly furnished wired in series for 220-volt circuits, but may be ordered wired series-multiple for 110 volt circuits. Iron parts are galvanized. Prices include stem wires but are less lamps.

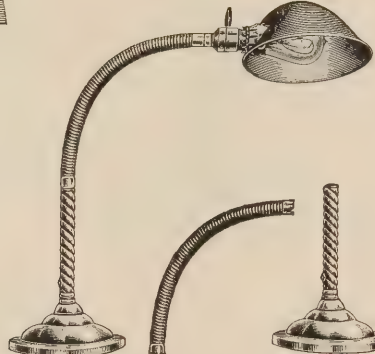
PORTABLES



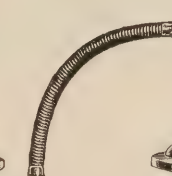
No. 1545



No. 1547



No. 153



No. 15409



No. 155

PORTABLES

Mfrs. No.	No. Lights		Pol. Brass		Ox. Copper	
			Trade No.	Price Each	Trade No.	Price Each
1545	1	Without cord, socket, plug or shade.....	078176	\$3.75	078180	\$4.20
1546	2	Without cord, socket, plug or shade.....	078177	4.25	078181	4.75
1547	1	8 ft. of cord, socket, plug, and 10-in. green dome shade	078178	6.50	078182	7.00
1548	2	8 ft. of cord, socket, plug, and 10-in. green dome shade	078179	7.50	078183	8.00

FLEXIBLE PORTABLES

Polished Brass

Mfrs. No.	Length of Arm Inches	Trade No.	Price Each
153	9	078184	\$2.25

FLEXIBLE TUBE

Trade No.	Mfrs. No.	Length Inches	Price Each	Trade No.
078186	15409	9	\$0.75	078188
078187	15412	12	.90	078189

Bases for Flexible Portables

Polished Brass

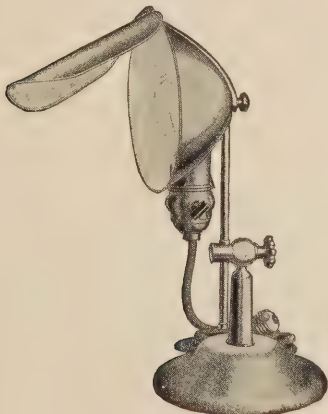
Mfrs. No.	Trade No.	Price Each
155	078190	\$1.20

Oxidized Copper

Trade No.	Price Each
078185	\$2.45

Oxidized Copper

Trade No.	Price Each
078191	\$1.40



No. 300

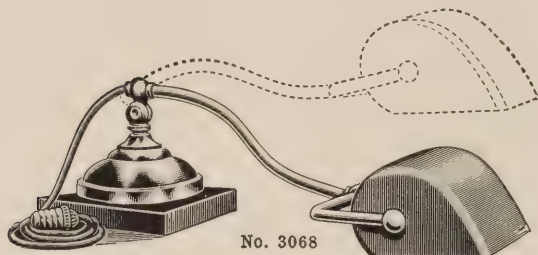
LYHNE PORTABLE LAMPS

Trade No.	Mfrs. No.		Price Each
078192	300	Brush brass finish	\$5.00
078193	301	Brush brass finish with dark olive green enamel shade and reflector..	5.00
078194	302	Full nickel finish.....	5.00
078195	303	Full oxidized copper finish.....	5.00
078196	304	Nickel finish with dark olive green enamel shade and reflector.....	5.00

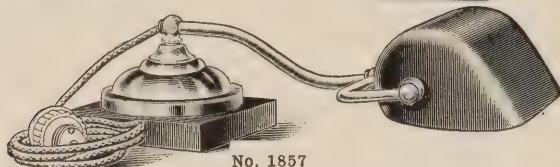
Each lamp is furnished with socket, plug and six feet of wire.

If without wire and plug, but with socket, which is housed in and forms part of the lamp, deduct \$0.50 from above prices.

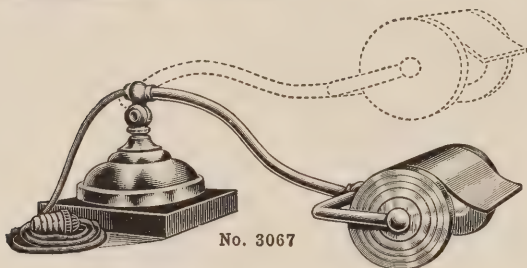
ADJUSTABLE PORTABLES



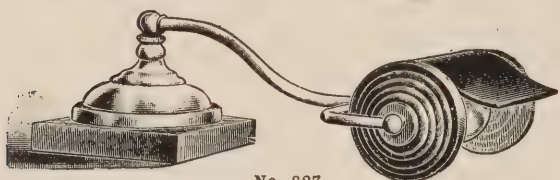
No. 3068



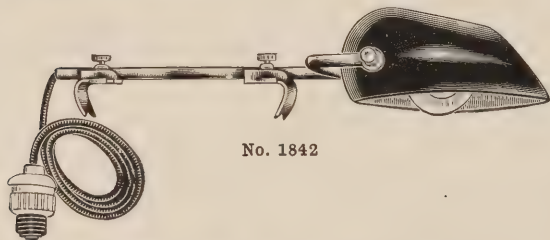
No. 1857



No. 3067



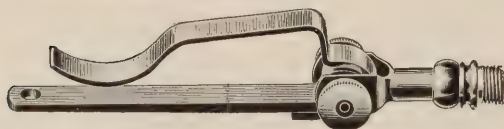
No. 827



No. 1842



No. 885



No. 97

No. 3068
Not Wired

Trade No.	Finish	Price Each
060362	Polished brass	\$5.80
060363	Oxidized copper	6.30

Wired

060364	Polished brass	7.30
060365	Oxidized copper	7.80

Portable or desk brackets with vertical adjustment and horizontal swing. Slate base and glass hood white inside, green outside.

No. 1857

Not Wired

060370	Polished brass	5.50
060371	Oxidized copper	6.00

Wired

060372	Polished brass	7.00
060373	Oxidized copper	7.50

Portable or desk bracket with horizontal swing. Slate base and glass hood, white inside, green outside.

No. 3067

Not Wired

060366	Polished brass	4.80
060367	Oxidized copper	5.30

Wired

060368	Polished brass	6.30
060369	Oxidized copper	6.80

Portable or desk bracket with vertical adjustment and horizontal swing. Slate base and metal hood, frosted inside.

No. 827

Not Wired

060374	Polished brass	4.50
060375	Oxidized copper	5.00

Wired

060376	Polished brass	6.00
060377	Oxidized copper	6.50

Portable or desk bracket with horizontal swing. Slate base and metal hood, frosted inside.

No. 1842

Not Wired

060378	Polished brass	4.50
060379	Oxidized copper	5.00

Wired

060380	Polished brass	6.00
060381	Oxidized copper	6.50

Fits top of any desk up to 15 inches. Glass hood, white inside, green outside.

No. 885

Not Wired

060382	Polished brass	3.50
060383	Oxidized copper	4.00

Wired

060384	Polished brass	5.00
060385	Oxidized copper	5.50

Fits top of any desk up to 15 inches. Metal hood, frosted inside.

No. 97 DESK CLAMPS

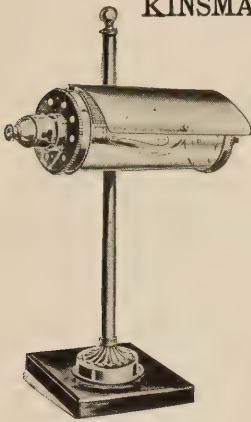
060386	Polished brass	.30
060387	Oxidized copper	.40

A No. 27 shade should be used with this fixture.

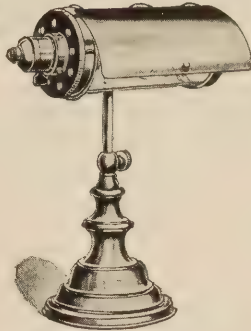
Not wired means without lamp, socket or cord.

Wired means with 9 feet reinforced silk cord, socket and plug.

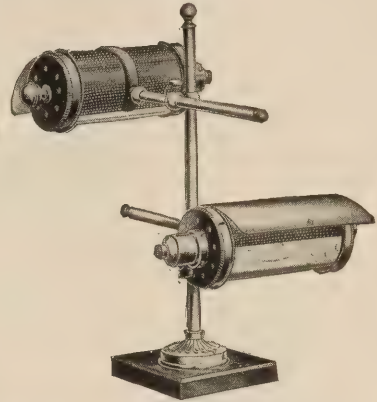
KINSMAN PORTABLES AND DESK LAMPS



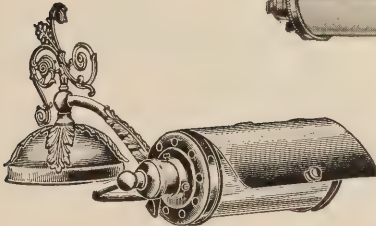
No. 5



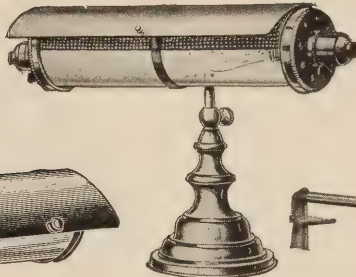
No. 3



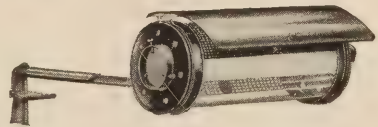
No. 8



No. 44



No. 7



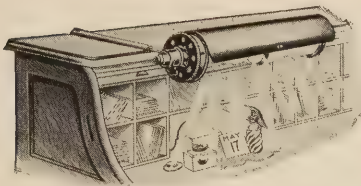
No. 2A

PORTABLES

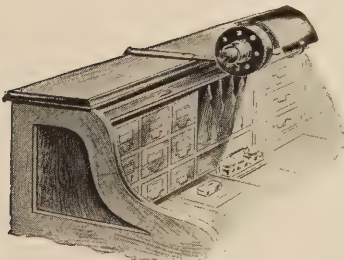
Trade No.	Mfrs. No.	Price Each	Code Word
045765	5	\$7.00	Albja
No. 5 standard finishes.			
045766	7	15.00	Albka
No. 7 finished in nickel plate, polished brass, oxidized copper or old brass.			
045767	3	8.00	Albke
No. 3 finished in polished brass, old brass, or oxidized copper.			
045768	4	5.00	Alble
No. 4 finished in dark green enamel.			
045769	44	10.00	Alblu
No. 44 finished in polished brass, old brass, nickel plate or oxidized copper.			
045770	8	13.00	Albnu
No. 8 with double head.			
045771	8-A	8.00	Albob
No. 8A with one head.			
Nos. 8 and 8A finished in polished brass, old brass, oxidized copper or nickel plate.			

DESK LAMPS

045772	2A	4.50	Albom
No. 2A finished in best Japanese bronze.			
045773	24	7.00	Albor
045774	6	12.00	Albox
No. 6 double cylinder desk lamp for extra long desks.			
045775	1	6.00	Albu
Nos. 24, 6 and 1 finished in polished brass, old brass, oxidized copper or nickel plate. The No. 24 has a clamp for clamping rail of bookkeeper's desk.			



No. 6



No. 1

"WHITE" ADJUSTABLE FIXTURES



Style No. 8P

Style No. 7P

Style No. 6P

DESK PORTABLES

Style No. 6P

Trade No.	Price Each	Code Word
046801	\$3.50	Ahiot
Standard finishes: Oxidized copper, old brass or polished brass, or nickel.		

Style No. 7P

Trade No.	HEIGHT, INCHES		Price Each	Code Word
	Closed	With Arm Extended		
046802	15	24	\$3.75	Ahipu
Standard finishes: Old brass, polished brass, oxidized copper or nickel.				

Style No. 8P

Trade No.	Price Each	Code Word
046803	\$2.25	Ahig
Standard finishes: Old brass and oxidized copper.		

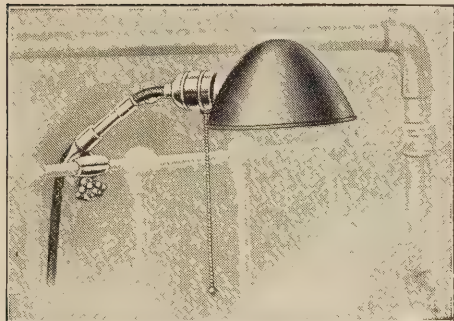
FLOOR PORTABLES

Style No. 9P

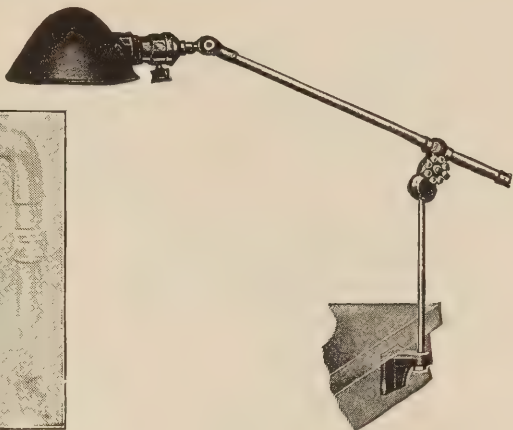
Trade No.	Price Each	Code Word
046804	\$4.00	Ahirt
Standard finishes: Old brass and oxidized copper.		
Height adjustable from 3 to 6 feet.		
Wires freely through upright, without interfering with the telescoping adjustment.		
Prices do not include sockets, shades, lamps or wiring.		

Style No. 9P

"WHITE" ADJUSTABLE FIXTURES



Bed Fixture—Style BF



Style 5M

STYLE BF

Trade No.		Price Each	Code Word
041867	Fixture only	\$1.80	Ahixi

Standard finishes, old brass or polished brass.

The "White" adjustable bedstead stand reading lamp enables one to read in bed with comfort and without injuring the eyes.

STYLE 5M

043997	Fixture only	3.00	Ahixy
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Standard finishes, old brass, polished brass, oxidized copper or nickel. Style 5M is designed especially for stenographers' desks, or flat-top desks and tables. Can be instantly attached or detached.

STYLE 1P

041868	Fixture only	4.50	Ahjal
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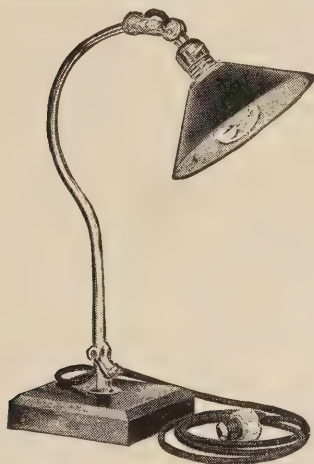
Standard finishes, old brass, polished brass, oxidized copper or nickel.

STYLE 5P

041869	Fixture only	3.25	Ahjam
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Standard finishes, old brass, polished brass, oxidized copper or nickel.

Prices do not include sockets, shades, lamps or wiring.



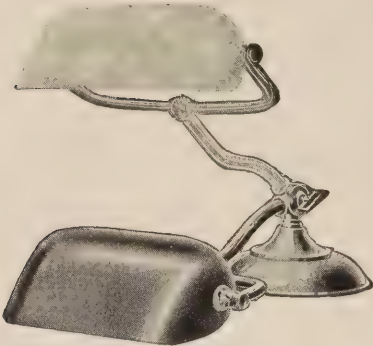
Style 1P



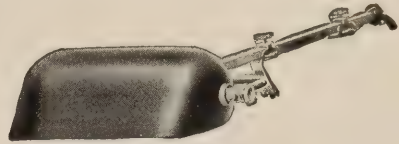
Style 5P.

EMERALITE PORTABLES

WITH GREEN GLASS SHADES, PLUG AND 6 FEET SILK CORD



No. 4378 A. C.

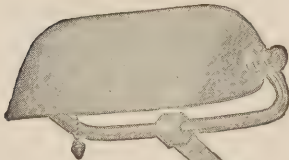


No. 4378

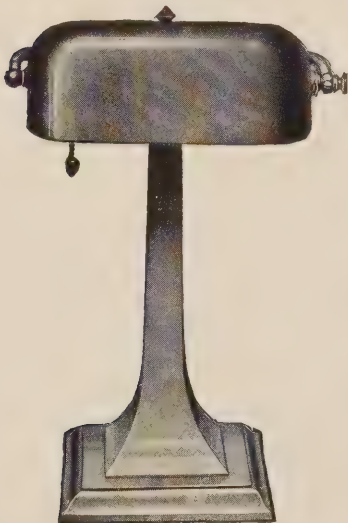


No. 4378A

No. 4378



No. 4378G



No. 4378B

Trade
No.

069082	Complete with key socket	\$6.00
069083	Complete with pull socket	6.50

This fixture is intended for use with high and modern low roll top desks and is now made with shade elevated above arm so it will not interfere with action of roll top.

The clamps are sufficiently long to accommodate desk shelves up to $1\frac{3}{4}$ inches thick and are lined with felt.

No. 4378A

069084	Complete with key socket	6.50
069085	Complete with pull socket	7.00

Adaptable to either roll top desk or piano. The base is heavily weighted to secure stability and felt covered to prevent scratching furniture finish.

No. 4378 A. C.

069086	Complete with key socket	7.00
069087	Complete with pull socket	7.50

Identical with No. 4378A, except it has a special adjustable clamp at top of base by means of which the arm can be raised or lowered to any position, thus adapting it for use with modern low roll top desks.

No. 4378G

069088	Complete with key socket	8.00
069089	Complete with pull socket	8.50

Similar to No. 4378 A. C. except equipped with base 6 inches square.

No. 4378B

069090	Complete with pull socket	10.00
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Designed especially for flat top desks and tables the height from the table to center of shade is 15 inches and with shade in normal position has an efficient illumination area, with ordinary 16 C. P. lamps, 48 inches wide by 36 inches front of base.

Base is 6 inches square, heavily weighted and bottom covered with felt.

No. 4378C

069091	Complete with pull socket	14.50
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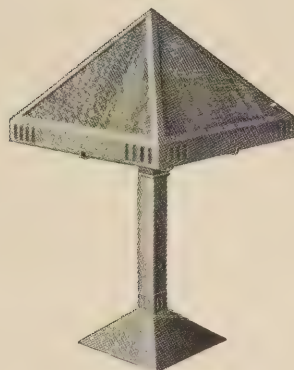
Similar in design to 4378B, only fitted with two adjustable shades.

Standard finishes, old brass or statuary bronze, both with green relief.

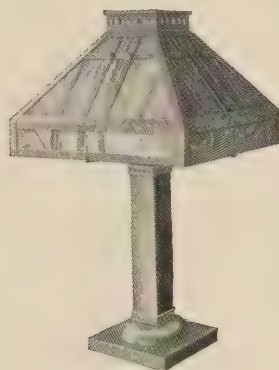
PORTABLE LAMPS



No. L279



No. 207½



No. 200

Trade No.	Mfrs. No.	No. Lights	Height Inches	Finish	Price Each
079414	L279	1	10	Brushed brass	\$6.50
079415	207½	1	12	Brushed brass	9.50
079416	200	1	13	Brushed brass	14.00



No. 37261



No. 2220



No. 2166

Trade No.	Mfrs. No.	No. Lights	Height Inches	Finish	Price Each
079417	37261	4	15	Colonial brass	\$28.00
079418	2220	3	16	Empire	16.00
079419	2166	4	18	Colonial brass	40.00

Above prices include wiring complete, with 9-foot cord and attachment plug.

WHEELER TIN SHADES



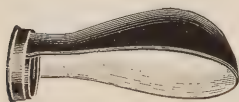
No. 530



No. 501



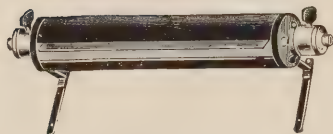
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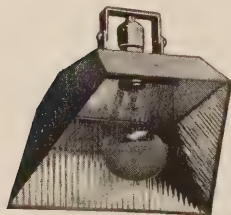
No. 367



No. 349



No. 1555



No. 65

DEEP CONE SHADES

Trade No.	Mfrs. No.	Size Inches	Size Holder Inches	Price per Doz.	Code Word
042630	530	8	2 $\frac{1}{4}$	\$2.25	Ahrqu
042631	532	10	2 $\frac{1}{4}$	3.00	Ahrue
042632	535	12	2 $\frac{1}{4}$	4.00	Ahruf
042633	536	12	3 $\frac{1}{4}$	4.00	Ahrub

FLAT SHADES

042634	501	8	2 $\frac{1}{4}$	1.75	Ahrup
042635	505	10	2 $\frac{1}{4}$	2.25	Ahrus
042636	509	12	2 $\frac{1}{4}$	3.00	Ahrvi
042637	510	12	3 $\frac{1}{4}$	3.00	Ahrwo
042638	513	14	3 $\frac{1}{4}$	4.25	Ahrxo
042639	515	16	3 $\frac{1}{4}$	5.50	Ahryg
042640	517	18	3 $\frac{1}{4}$	7.00	Ahrym

SHALLOW CONE SHADES

042641	521	8	2 $\frac{1}{4}$	1.80	Ahryx
042642	523	10	2 $\frac{1}{4}$	2.35	Ahsac
042643	525	12	2 $\frac{1}{4}$	3.10	Ahsao
042644	526	12	3 $\frac{1}{4}$	3.10	Ahsap

HALF SHADES

Trade No.	Mfrs. No.	Size Inches	Holder Inches	Price per Doz.	Code Word
042645	367	2 $\frac{1}{4}$		\$3.00	Ahsca

FOOT LIGHT SHADES

Green Outside, White Inside

042646	349	2 $\frac{1}{4}$		5.00	Ahsel
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ORCHESTRA SHADES

Trade No.	Mfrs. No.	No. Lights	Diam. Inches	Price Each	Code Word
042647	1555	1	2 $\frac{3}{4}$	\$1.80	Ahsqk
042648	1555	2	2 $\frac{3}{4}$	2.00	Ahsht

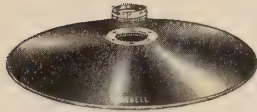
Prices do not include sockets.

MAZDA ADJUSTABLE WINDOW REFLECTORS

Trade No.	Mfrs. No.	Price Each	Code Word
042649	65 Reflector and holder only	\$3.60	Ahsji

Dimensions, 14 inches wide, 7 inches deep, 12 inches from nozzle of socket to bottom of reflector over all.

HUBBELL REFLECTORS



No. 5431

FLAT REFLECTORS

Trade No.	Mfrs. No.	Diam. In.	FINISH		Std. Pkg.	Wt., Lbs.	Price per 100
			Outside	Inside			
039368	5431	8	Green	White	100	26	\$21.00
039369	5432	10	Green	White	100	36	25.00
039370	5433	12	Green	White	100	68	43.75
039371	5456	14	Green	White	60	52	65.00
039372	5457	16	Green	White	60	64	75.00
039373	5476	18	Green	White	60	70	95.00



No. 5440

Aluminum

039374	5434	8	Green	Polished	30	6	85.00
039375	5435	10	Green	Polished	30	8	100.00
039376	5436	12	Green	Polished	30	14	125.00
039377	5458	14	Green	Polished	30	18	175.00
039378	5459	16	Green	Polished	30	24	200.00

Porcelain Enameled Steel

039379	5608	8	Green	White	100	44	45.00
039380	5609	10	Green	White	100	65	65.00

SHALLOW CONE REFLECTORS

Tin

039381	5462	8	Green	White	100	36	26.25
039382	5463	10	Green	White	100	40	32.00
039383	5464	12	Green	White	100	72	45.85
039384	5465	14	Green	White	60	54	70.00
039385	5466	16	Green	White	60	68	80.00



No. 5479

DEEP CONE REFLECTORS

Tin

039386	5440	8	Green	White	100	35	30.00
039387	5441	10	Green	White	100	53	33.00
039388	5442	12	Green	White	100	76	57.10

Aluminum

039389	5473	8	Green	Polished	30	9	100.00
039390	5474	10	Green	Polished	30	14	125.00
039391	5475	12	Green	Polished	30	18	175.00

Porcelain Enameled Steel

039392	5546	10	White	White	30	72	100.00
039393	5636	8	Green	White	100	56	70.00
039394	5637	10	Green	White	100	78	90.00



No. 5533

SPECIAL ALUMINUM REFLECTORS

039395	5479	7½	Green	Polished	60	14	100.00
039396	5480	7½	Green	Frosted	60	14	75.00

PORCELAIN ENAMELED STEEL REFLECTORS

Oval

039397	5533	10	White	White	30	38	75.00
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For Mazda Lamps, 40 or 60 Watts

039398	5603	10	White	White	30	34	105.00
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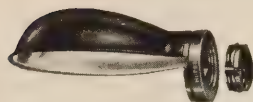
For Mazda Lamps, 80 or 100 Watts

039399	5604	12	White	White	30	45	125.00
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No. 5603

HUBBELL REFLECTORS



No. 5429

HALF REFLECTORS

Tin

Trade No.	Mfrs. No.	FINISH		Std. Pkg.	Wt., Lbs. Std. Pkg.	Price per 100
		Outside	Inside			
084284	5429	Green	White	100	19	\$30.00
084285	5759	Nickel	Dull	100	19	65.00
084286	5591	Imitation oak	White	50	10	65.00
084287	5592	Imitation mahogany	White	50	10	65.00



No. 5460

Aluminum

084288	5430	Green	Polished	100	14	45.00
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Brass

084289	5532	Old Brass	Frosted aluminum	100	20	85.00
084290	5758	Polished	Frosted aluminum	100	20	85.00
084291	5760	Nickel	Dull	100	20	85.00
084292	5761	Ox. copper	Frosted aluminum	100	20	85.00



No. 5695

PARABOLA REFLECTORS

Aluminum

Trade No.	Mfrs. No.	Diam. Inches	FINISH		Std. Pkg.	Wt., Lbs. Std. Pkg.	Price per 100
			Outside	Inside			
084293	5460	6½	Green	Polished	100	30	\$85.00
084294	5461	6½	Green	Frosted	100	30	70.00
084295	5477	5½	Green	Polished	100	27	85.00
084296	5478	5½	Green	Frosted	100	27	70.00

Steel

084297	5564	6½	Green	Frosted	100	50	55.00
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Brass

084298	5611	6½	Polished	Frosted	30	15	100.00
084299	5571	6½	Old brass	Frosted	30	15	75.00
084300	5572	6½	Ox. copper	Frosted	30	15	85.00

Porcelain Enameled Steel

084301	5666	6½	Green	White	30	15	115.00
084302	5667	6½	White	White	30	15	115.00



No. 5696

ANGLE PARABOLA REFLECTORS

Steel—Green Outside, Frosted Inside

Trade No.	Mfrs. No.	Angle Degrees	Diameter Inches	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price per 100
084303	5695	15	6½	100	50	\$55.00
084304	5696	30	6½	100	50	55.00
084305	5697	45	6½	100	50	55.00

Brass—Old Brass Outside, Frosted Inside

084306	5774	15	6½	30	15	75.00
084307	5775	30	6½	30	15	75.00
084308	5776	45	6½	30	15	75.00



No. 5697

WHEELER PORCELAIN ENAMELED STEEL REFLECTORS

DEEP CONE



No. 910

GREEN OUTSIDE, WHITE INSIDE				Code Word
Trade No.	Mfrs. No.	Diameter Inches	Price Each	
048110	911	8	\$0.60	Aoral
048111	910	10	.70	Aorar
048112	912	12	.90	Aoref

HALF DEEP



No. 940

GREEN OUTSIDE, WHITE INSIDE				
1¾-inch Deep, with Bushing for ¾-inch Iron Pipe				
048113	940	15	1.10	Aorev
048114	941	18	1.30	Aorgt
1¾-inch Deep, with ¾-inch Hole in Center				
048115	942	15	1.00	Aoria
048116	943	18	1.20	Aorim

FLAT



No. 900

GREEN OUTSIDE, WHITE INSIDE				
With ¾-inch Hole in Center				
048117	900	10	.45	Aorma
048118	901	16	.95	Aormu
048119	905	18	1.15	Aorog
With Bushing for ¾-inch Iron Pipe				
048120	902	10	.60	Aorok
048121	903	16	1.10	Aorom
048122	904	18	1.30	Aorot
With Bushing for ½-inch Iron Pipe				
048123	907	10	.60	Aorqu
048124	908	16	1.10	Aorue
048125	909	18	1.30	Aoruf
For 2¼-inch Shade Holder				
048126	925	10	.50	Aoruh
048127	927	12	.70	Aorup
For 3¼-inch Shade Holder				
048128	928	15	.90	Aorus
048129	926	16	1.00	Aorvi
048130	906	18	1.20	Aorwo



No. 929

FLAT FOR WIRELESS CLUSTERS

WHITE OUTSIDE AND INSIDE

For 4-inch Clusters

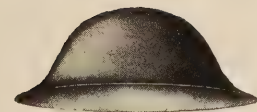
048131	929	15	.90	Aorxo
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BELL

WHITE OUTSIDE AND INSIDE

4 1/4-inch Deep, with 3/4-inch Hole in Center

048132	936	10	1.00	Aoryg
048133	937	12	1.20	Aorym
4 1/4-inch Deep, with Bushing for 3/4-inch Iron Pipe				
048134	938	10	1.10	Aoryx
048135	939	12	1.30	Aosao



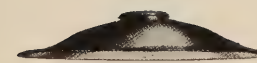
No. 936

SHALLOW BELL

GREEN OUTSIDE, WHITE INSIDE

1 1/4-inch Deep, for 2 1/4-inch Shade Holder

048136	930	10	.60	Aosap
048137	931	12	.75	Aosav
1 1/4-inch Deep, with 3/4-inch Hole in Center				
048138	932	10	.55	Aoscu
048139	933	12	.70	Aosel
1 1/4-inch Deep, with Bushing for 3/4-inch Iron Pipe				
048140	934	10	.70	Aosfu
048141	935	12	.85	Aosga



No. 930

INDUSTRIAL ABOLITES



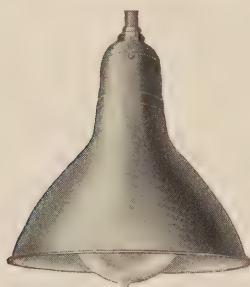
No. G-55



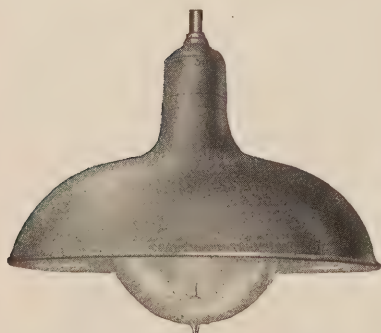
No. G-57



No. G-59



No. G-61



No. G-63 (Large Base Receptacle)

To secure scientific and efficient illumination for industrial purposes, it is impractical to use glass reflectors commonly employed in commercial practice. It is, however, equally important that a correct relation be established between the lamp and reflecting surface.

Steel reflectors finished in porcelain enamel or aluminum are best for correlative use with Mazda Lamps for industrial illumination.

Prior to the development of the ABolite line, reflectors were attached to standard sockets by means of various supports, such as Form O, Form H, Form A, and other auxiliary holders, which are not only unsightly, but lacking in convenience and acceptable mechanical construction. The ABolite line eliminates all separable devices and undesirable methods of attaching reflector to socket.

The primary construction characteristic of the ABolite is the provision of a metal reflector support to replace variable holders. To this is applied the cardinal principle of a patented positioning device attached to a suitable porcelain receptacle, thus making universal each holder socket for all types of bowl-shaped and dome-shaped reflectors for 25-watt to 500-watt lamps, inclusive.

In addition to the elimination of all superfluous connectors, the positioning device provides extensive and intensive illumination. For example, a 100-watt lamp and 100-watt industrial ABolite with positioning device thrown downward in the so-called "O" position, produces extensive illumination. Thrown upward in the so-called H position, produces intensive illumination. This is true of all units from 25-watt to 500-watt inclusive.

Furthermore, when a holder socket is once installed, it is possible to increase or decrease illumination at any point in an industrial plant by simply removing one lamp and reflector, and substituting a larger or smaller unit in its place.

BOWL TYPE

Enamel

Trade No.	Mfrs. No.	Height of Lamps Inches	Wattage	Std. No.	Pkg. Wt., Lbs.	Unbroken No.	Pkg. Wt., Lbs.	Price Each
073305	G-55	7½	25, 40	100	110	20	20	\$1.60
073306	G-57	8½	60	100	135	20	25	1.80
073307	G-59	9½	100, 150	100	145	20	26	2.00
073308	G-61	11	250	100	165	20	30	3.20
073309	*G-63	11	400, 500	50	240	10	45	4.20

Aluminum

073310	G-55	7½	25, 40	100	110	20	20	1.40
073311	G-57	8½	60	100	135	20	25	1.60
073312	G-59	9½	100, 150	100	145	20	26	1.70
073313	G-61	11	250	100	165	20	30	2.80
073314	*G-63	11	400, 500	50	240	10	45	3.80

DOME TYPE

Enamel

073315	G-65	8	60, 100	50	175	10	30	2.20
073316	G-67	8½	100, 150, 250	50	235	10	40	3.00
073317	*G-69	9½	400, 500	50	300	10	50	4.00

Nos. G-65, 67 and 69 Dome Type have 14, 18 and 20-inch domes, respectively. * Large base socket.

When ABolites other than Nos. G-63 and G-69 (400 and 500 watts) are ordered with large base receptacle, add \$0.70 to list prices. Standard finish, royal blue.

Prices do not include lamps.

HUBBELL REFLECTORS

REFLECTORS FOR HIGH EFFICIENCY LAMPS

CONCENTRATING TYPE

Aluminum—Green Outside, Frosted Inside



Nos. 5659 and 5707

Trade No.	Mfrs. No.	Diam. In.	For Mazda Lamps, Watts	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price per 100
057835	5658	6	40- 60	30	12	\$145.00
057836	5659	8	60-100	30	14	175.00

Porcelain Enameled Steel—Green Outside, White Inside

057837	5707	6½	40- 60	50	64	120.00
057838	5708	8	60-100	50	75	140.00

Enameled Steel—Green Outside, Frosted Inside



No. 5661

057839	5660	6	40- 60	50	56	85.00
057840	5661	7	60-100	50	65	125.00
057841	5676*	8	25*	50	34	50.00
057842	5677*	10	40*	50	41	60.00
057843	5678*	12	40*	50	50	75.00
057844	5671	10	40	50	50	75.00
057845	5672	12	60	50	60	100.00

*These reflectors are for lamps without skirted bases.

Porcelain Enameled Steel—Green Outside, White Inside

057846	5709	10	40	50	50	145.00
057847	5710	12	60	50	80	160.00



Nos. 5672 and 5710

Enameled Steel—Green Outside, Frosted Inside

057848	5738	16	60-80-100	30	44	225.00
057849	5739	20	150-250-500	30	103	325.00

DIFFUSIVE TYPE

Enameled Steel—Green Outside, Frosted Inside



No. 5739

057850	5673	14	60	50	72	175.00
057851	5674	16	100	30	35	200.00
057852	5675	18	150	30	39	225.00
057853	5755	20	250	30	45	250.00

Porcelain Enameled Steel—Green Outside, White Inside

057854	5714	14	60	50	100	195.00
057855	5715	16	100	30	75	230.00
057856	5716	18	150	30	80	285.00
057857	5717	20	250	30	95	325.00



Nos. 5655 and 5717

HOLOPHANE D'OLIER STEEL REFLECTORS

Horizontal, with Top
Extension Holder15 Degree, with
Clip Spring Holder30 Degree, with
Clip Spring Holder45 Degree, with
Clip Spring Holder

HORIZONTAL REFLECTORS

With Top Extension Holders

Trade No.	Mfrs. No.	WATTAGE OF LAMPS RECOMMENDED				DIMEN. IN. Width	Height	Style Holder*	Std. Pkg.	Wt. Lbs. Std. Pkg.	PRICE EACH	
		Mazda	Tantalum	Gem	Carbon						Stand. Finish	Special Finish
042533	37	..	..	..	30	6	3 $\frac{3}{4}$	Ex.	50	54	\$0.85	\$1.23
042534	38	..	..	..	30	6	2 $\frac{3}{4}$	C.S.	50	40	.62	.89
042507	57	25	40	50	60	6 $\frac{1}{2}$	3	Ex.	50	58	.95	1.30
042508	58	..	40	50	60	6 $\frac{1}{2}$	3	C.S.	50	50	.70	1.04
042509	68	..	..	..	30	5 $\frac{1}{4}$	2 $\frac{1}{4}$	C.S.	50	35	.38	....
042510	77	40	50	80	100	8	4 $\frac{1}{4}$	Ex.	30	51	1.23	1.86
042511	78	40	50	80	100	8	4 $\frac{1}{4}$	C.S.	30	51	.99	1.55

FINISH.—Standard finish, green enamel. Special finishes, brush brass, polished brass, and oxidized copper.

These reflectors are particularly recommended for use on drop cords directly over machinery for localized lighting.

15 DEGREE REFLECTORS

042512	30	..	..	..	30	6	2 $\frac{1}{2}$	C.S.	50	44	.62	.89
042513	32	..	..	..	30	6	2 $\frac{1}{2}$	Ex.	50	50	.86	1.23
042514	50	..	40	50	60	6 $\frac{1}{2}$	3	C.S.	50	58	.70	1.04
042515	52	25	40	50	60	6 $\frac{1}{2}$	3	Ex.	50	58	.95	1.30
042516	60	..	..	..	30	5 $\frac{1}{4}$	2 $\frac{1}{4}$	C.S.	50	33	.38	....
042517	70	40	50	80	100	8	4 $\frac{1}{4}$	C.S.	30	47	.99	1.55
042518	72	40	50	80	100	8	4 $\frac{1}{4}$	Ex.	30	63	1.23	1.86

FINISH.—Standard finish, green enamel. Special finishes, brush brass, polished brass and oxidized copper.

These reflectors are particularly recommended for use on drop cords directly over machines. They also give excellent results for display window lighting.

30 DEGREE REFLECTORS

042519	31	..	..	..	30	6	2 $\frac{1}{2}$	C.S.	50	41	.62	.89
042520	34	..	..	..	30	6	2 $\frac{1}{2}$	Ex.	50	53	.86	1.23
042521	51	..	40	50	60	6 $\frac{1}{2}$	3	C.S.	50	50	.70	1.04
042522	54	25	40	50	60	6 $\frac{1}{2}$	3	Ex.	50	54	.95	1.30
042523	61	..	..	..	30	5 $\frac{1}{4}$	2 $\frac{1}{4}$	C.S.	50	35	.38	....
042524	71	40	50	80	100	8	4 $\frac{1}{4}$	C.S.	30	46	.99	1.55
042525	74	40	50	80	100	8	4 $\frac{1}{4}$	Ex.	30	56	1.23	1.86

FINISH.—Standard finish, green enamel. Special finishes, brush brass, polished brass and oxidized copper.

These reflectors are particularly recommended for use on drop cords directly over machines. Exceptional results are obtained in window lighting by alternating reflectors of this angle with 15° and 45° reflectors.

45 DEGREE REFLECTORS

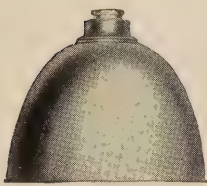
042526	36	..	..	..	30	6	2 $\frac{1}{2}$	Ex.	50	50	.86	1.23
042527	39	..	..	..	30	6	2 $\frac{1}{2}$	C.S.	50	47	.62	.89
042528	56	25	40	50	60	6 $\frac{1}{2}$	3	Ex.	50	63	.95	1.30
042529	59	..	40	50	60	6 $\frac{1}{2}$	3	C.S.	50	54	.70	1.04
042530	69	..	..	..	30	5 $\frac{1}{4}$	2 $\frac{1}{4}$	C.S.	50	35	.38	....
042531	76	40	50	80	100	8	4 $\frac{1}{4}$	Ex.	30	52	1.23	1.86
042532	79	40	50	80	100	8	4 $\frac{1}{4}$	C.S.	30	46	.99	1.55

FINISH.—Standard finish, green enamel. Special finishes, brush brass, polished brass and oxidized copper.

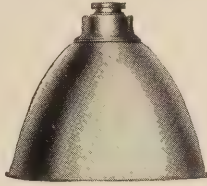
The clip spring holder type of the 45° angle reflector has a very wide use, for besides its application in industrial illumination, it is ideal for use in low display windows where the strongest light is desired at the back of the window. The extension holder type is recommended for display windows alternating with 15° and 30° angle reflectors.

*C. S. denotes Clip Spring holder and Ex. denotes Extension holder.

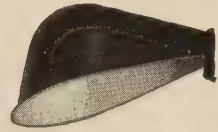
HOLOPHANE D'OLIER STEEL REFLECTORS



Extensive



Intensive

Horizontal with Side
Extension HolderPear Shape with
Clip Spring Holder

EXTENSIVE TYPE

Trade No.	Mfrs. No.	Wattage Lamp Recommended Mazda	DIMENSIONS, INCHES		Std. Pkg.	Wt. Lbs. Std. Pkg.	Price Each Std. Finish
			Width	Height			
075583	AE- 40	25 or 40	6 $\frac{1}{4}$	4 $\frac{3}{4}$	50	37	\$0.98
075584	AE- 60	60	7 $\frac{1}{4}$	6 $\frac{5}{8}$	30	40	1.27
075585	AE-100	100	8 $\frac{1}{4}$	6 $\frac{7}{8}$	30	43	1.55
075586	AE-150	150	10 $\frac{1}{4}$	8 $\frac{1}{4}$	20	51	3.00
075587	AE-250	250	10 $\frac{1}{4}$	9	20	51	3.20
075588	EE- 40	25 or 40	6 $\frac{1}{4}$	4 $\frac{3}{8}$	50	45	1.48
075589	EE- 60	60	7 $\frac{1}{4}$	6 $\frac{1}{4}$	30	49	1.79
075590	EE-100	100	8 $\frac{1}{4}$	6 $\frac{3}{4}$	30	53	2.07
075591	EE-150	150	10 $\frac{1}{4}$	8	20	66	3.67
075592	EE-250	250	10 $\frac{1}{4}$	8 $\frac{3}{4}$	20	66	3.92

INTENSIVE TYPE

Trade No.	Mfrs. No.	Wattage Lamp Recommended Mazda	Width	Height	Std. Pkg.	Wt. Lbs. Std. Pkg.	Price Each Std. Finish
075593	AI- 40	25 or 40	6 $\frac{1}{4}$	4 $\frac{3}{4}$	50	37	.98
075594	AI- 60	60	7 $\frac{1}{4}$	6 $\frac{7}{8}$	30	40	1.27
075595	AI-100	100	8 $\frac{1}{4}$	7 $\frac{1}{4}$	30	43	1.55
075596	AI-150	150	10 $\frac{1}{4}$	8 $\frac{1}{2}$	20	51	3.00
075597	AI-250	250	10 $\frac{1}{4}$	9 $\frac{1}{8}$	20	51	3.20

AE and AI Reflectors are finished on the outer surface in green enamel, and on the inner surface with aluminum.

EE Reflectors are finished both inside and out with white porcelain enamel.

EE and AI Reflectors are exactly alike in shape.

Any of these reflectors can be supplied fitted with 2 $\frac{1}{4}$ -inch (B type) heels for use with standard 2 $\frac{1}{4}$ -inch holders, or with a screw clamp holder for use with porcelain sockets instead of the clip spring holder illustrated above.

HORIZONTAL WITH SIDE HOLDER

Trade No.	Mfrs. No.	WATTAGE LAMP		RECOM'ED Gem Carbon	DIMEN. INS.		Style Holder*	Std. Pkg.	Wt. Lbs. Std. Pkg.	PRICE, EACH		
		Mazda	Tantalum		Width	Height				Std. Finish	Special Finish	
075598	35	...	25	40	50	6	2 1/2	Ex.	50	52	.90	1.24
075599	55	...	25	40	50	60	6 1/2	Ex.	50	52	1.01	1.43
075600	135	...	25	40	50	6	2 1/2	C. S.	50	50	.62	.87
075601	155	...	25	40	50	60	6 1/2	C. S.	50	48	.70	1.07

FINISH.—Standard finish, green enamel; special finishes, brush brass, polished brass and oxidized copper.

PEAR SHAPED

075602	25	...	25	40	50	5 $\frac{5}{8}$	2 $\frac{1}{2}$	C. S.	50	33	.85	.85
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FINISH.—Standard finish, green enamel; special finishes, brush brass, polished brass and oxidized copper.



WIRE GUARDS FOR STEEL REFLECTORS

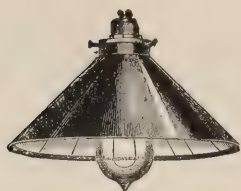
Trade No.	Mfrs. No.	For use with Reflectors, Nos.	Std. Pkg.	Price Each
075603	25G	25	50	\$0.27
075604	30G	30-31-32-34-35-37-38-39-135	50	.22
075605	50G	50-51-52-54-55-57-58-59-155	50	.25

*C. S. denotes spring clip holder and Ex. denotes extension holder.

No. 30G Wire
Guard

REFLECTORS AND SHADES.

DEEP CONE.



Deep Cone.

Silver Plated Mirror.

Trade No.	Diam. Inches.	Holder Inches.	Price Each.	Code Word.
07188	7	2 1/4	\$0.90	Eacbo
07189	8	2 1/4	.90	Eudbo
07190	10	2 1/4	1.00	Eefbo
07191	12	2 1/4	1.20	Eykbo

FLAT

Silver Plated Mirror.

07196	8	2 1/4	.85	Edobo
07197	10	2 1/4	.85	Ebubo
07198	12	2 1/4	1.00	Ewaco
07199	14	2 1/4	1.20	Eogco
07200	16	2 1/4	1.50	Euado
07201	18	3 1/4	2.00	Eybdo
07202	20	3 1/4	2.75	Eaddo
07203	24	3 1/4	4.00	Ebido
07204	30	3 1/4	7.00	Eikdo
07205	35	3 1/4	10.00	Eepdo



Flat.

CONVEX.

Silver Plated Mirror.

07216	8	2 1/4	.85	Ebofo
07217	10	2 1/4	.85	Edufo
07218	12	2 1/4	1.00	Eeago
07219	14	2 1/4	1.20	Eibgo
07220	16	3 1/4	1.50	Ebego
07221	18	3 1/4	2.00	Eafgo



Convex

TIN SHADES.

Deep Cone.

Trade No.	Diam. Inches.	Height Inches.	Holder Inches.	Std. Pkg.	Price per Doz.	Code Word.
A506A	8	3 1/2	2 1/4	60	\$3.75	Buruf
A506B	10	4	2 1/4	60	6.00	Bwyur
A506C	12	4 1/2	2 1/4	60	7.00	Bofyf

Green enamel outside. White enamel inside.



No. A503.

Flat.

A508	8	....	2 1/4	100	1.75	Besve
A508A	10	....	2 1/4	100	2.25	Betwe
A508B	12	....	2 1/4	60	3.00	Bauwe
A508C	14	....	2 1/4	60	4.25	Bivwe
A508D	16	....	3 1/4	60	5.50	Bilxe
A508E	18	....	3 1/4	30	7.00	Buoxe
A508F	20	....	3 1/4	30	8.50	Bybaf
A508G	24	....	3 1/4	20	11.00	Bogaf

Green enamel outside. White enamel inside.

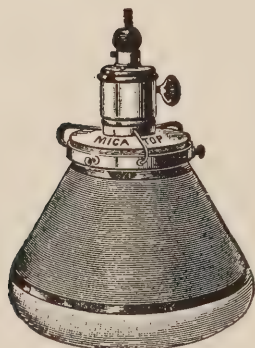
GROUND BOTTOM SHADES.

Trade No.	Diameter Inches.	Size Holder Inches.	Price Each.	Code Word.
012672	7	3 1/4	\$1.30	Grassum
012673	8	3 1/4	1.50	Grasswidow
012674	9	4	2.50	Grassy

MICA DISCS.

012675	For 7 or 8-inch Reflectors	.16	Graste
012676	For 9-inch Reflectors....	.40	Grastite

These discs serve the purpose of keeping the dust out of the shades.

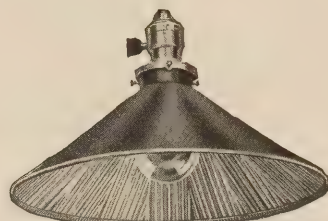


No. 012673.

KLEMM REFLECTORS



Ceiling Reflector



Factory Reflector

CEILING REFLECTORS

Designed for inserting in ceilings of show windows, leaving only a $\frac{1}{2}$ -inch aluminum band showing on the face of the ceiling.

Corrugated Silvered Glass			
Trade No.	Mfrs. No.	Description	Price Each
083400	1070	Reflector only	8 4 $\frac{3}{4}$ \$1.34
083401	1070	Reflector only	10 4 $\frac{3}{4}$ 1.55
083402	1070	Reflector only	12 4 $\frac{3}{4}$ 2.00
083403	1074	Reflector only	10 6 1.80
083404	1074	Reflector only	12 6 2.20

Plain Mirror Glass

Trade No.	Mfrs. No.	Description	Price Each
083405	1072	Reflector only	8 4 $\frac{3}{4}$ 1.24
083406	1072	Reflector only	10 4 $\frac{3}{4}$ 1.45
083407	1072	Reflector only	12 4 $\frac{3}{4}$ 1.90
083408	1076	Reflector only	10 6 1.70
083409	1076	Reflector only	12 6 1.90

FACTORY REFLECTORS

Designed for lighting factories, machine shops, and warehouses.

Corrugated Silvered Glass

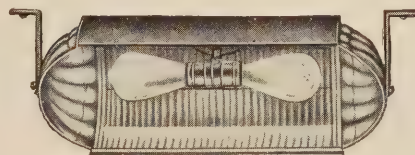
083410	1454	Reflector only	12 ... 1.48
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Aluminum Bronzed

083411	1455	Reflector only	1256
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No. 1454 is made for use with 40, 60 and 100-watt lamps. In ordering, state size of lamp to be used.

ADJUSTABLE WINDOW REFLECTORS



These reflectors are made for use in lighting places where it is desired to separate the reflector into units. They are hung on adjustable brackets at the ends and are equipped with a twin-socket in the center.

Lined with Corrugated Silvered Glass			
Trade No.	Mfrs. No.	Description	Price Each
083412	1151	With sockets.....	6 $\frac{1}{2}$ 15 \$3.60
Lined with Corrugated Polished Tin			
083413	1152	With sockets.....	6 $\frac{1}{2}$ 15 3.00

FRINK REFLECTORS



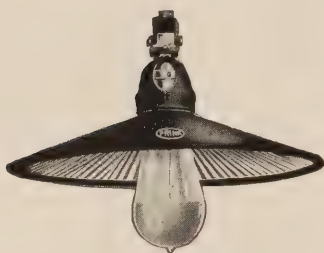
No. 3



No. 6

No. 3 REFLECTORS

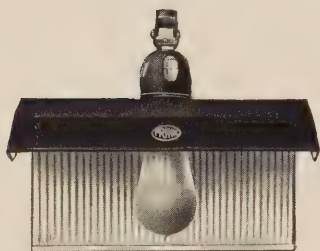
Trade No.	Diam. Inches	Style Fitting	Price Each	Code Word
045701	12	X	\$4.50	Akyja
045702	12	Y	4.50	Akyka
045703	12	Z	4.50	Akyko
045704	12	H Holder	3.50	Akylo



No. 5

No. 6 DEEP CONE REFLECTORS

045705	8	X	1.80	Akylp
045706	8	Y	1.80	Akylu
045707	8	Z	1.80	Akymys
045708	10	X	2.00	Akyob
045709	10	Y	2.00	Akyof
045710	10	Z	2.00	Akyol
045711	12	X	2.25	Akyppt
045712	12	Y	2.25	Akyrl
045713	12	Z	2.25	Akysk
045714	8	H Holder	.80	Akyuf
045715	10	H Holder	1.00	Akyun
045716	12	H Holder	1.25	Akyvu



No. 7

No. 5 DIFFUSING REFLECTORS

045717	8	X	1.70	Alaba
045718	8	Y	1.70	Alabe
045719	8	Z	1.70	Alabo
045720	10	X	1.90	Alabs
045721	10	Y	1.90	Alabt
045722	10	Z	1.90	Alabu
045723	12	X	2.15	Alaca
045724	12	Y	2.15	Alack
045725	12	Z	2.15	Alaco
045726	8	H Holder	.70	Alact
045727	10	H Holder	.90	Alacu
045728	12	H Holder	1.15	Alada

No. 7 SHOW WINDOW REFLECTORS

Trade No.	Length Inches	Style Fitting	Price Each	Code Word
045729	12	X	\$3.50	Alade
045730	12	Y	3.50	Alado
045731	12	Z	3.50	Alads
045732	12	H Holder	2.50	Alaeb

No. 8 SHOW WINDOW REFLECTORS

045733	14	X	5.25	Alaek
045734	14	Y	5.25	Alaet
045735	14	Z	5.25	Alaev
045736	14	H Holder	4.25	Alafe

SPECIAL FITTINGS

Style X, for connecting direct to conduit, con-
dulet or junction box, \$0.50 each.

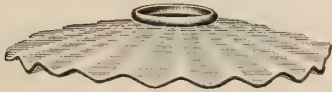
Style Y, for connecting direct to molding; may also
be used on ceiling with flexible cord feed, \$0.50 each.

Style Z, for stem or bracket, all fittings are 3/8-
inch iron pipe size, \$0.50 each.



Style H Holder

OPAL SHADES



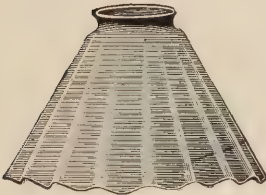
No. 4251



No. 255



No. 256



No. 4184

SCALLOPED

No. 256

Trade No.	Diam. Inches	Height Inches	Holder Inches	Price per Dozen	Code Word
021535	6	3	2 1/4	\$1.50	Fkes
021536	7	3 1/2	2 1/4	1.63	Fkfo
021537	8	4	2 1/4	1.75	Fkfu

FLAT, CRIMPED OR FLUTED

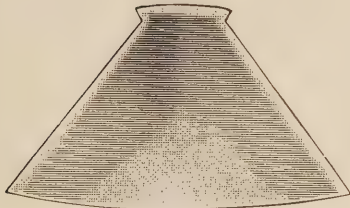
No. 4251

021538	6	1 1/2	2 1/4	1.50	Fkga
021539	7	1 3/4	2 1/4	1.63	Fkib
021540	8	2	2 1/4	1.75	Fkid
021541	10	2 1/4	2 1/4	2.13	Fkil

FLAT PLAIN

No. 255

021542	6	1 1/4	2 1/4	1.50	Fkim
021543	8	1 3/8	2 1/4	1.75	Fkin
021544	10	1 1/2	2 1/4	2.13	Fkip
021545	12	2	2 1/4	3.50	Fkjo
021546	14	2 1/8	3 1/4	4.50	Fkju
021547	16	2 1/4	3 1/4	6.25	Fkka
021548	18	2 1/2	3 1/4	8.50	Fkle
021549	20	2 3/4	3 1/4	10.00	Fkma
021550	24	3	3 1/4	32.00	Fkne



No. 258

DEEP CONE

No. 4184 Fluted

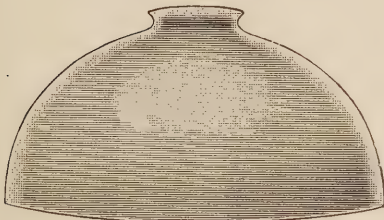
021551	6	3	2 1/4	1.50	Fkog
021552	7	3 3/4	2 1/4	1.63	Fkoj
021553	8	4 1/4	2 1/4	1.75	Fkol

No. 258 Plain

021554	7	4	2 1/4	2.88	Fkos
021555	10	5	2 1/4	3.25	Fkov
021556	10	5	3 1/4	3.25	Fkpe

No. 258 Green Plated, White Inside

021557	7	4	2 1/4	4.38	Fkpu
021558	10	5	2 1/4	9.38	Fkro
021559	10	5	3 1/4	9.38	Fksu



No. 6000

ROUGHED DOMES

No. 6000

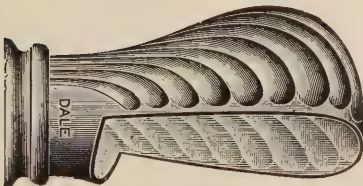
021565	10	5	2 1/4	9.00	Fkwa
021566	12	6	3 1/4	14.00	Fkyb
021567	14	6 1/2	3 1/4	18.00	Fkyf
021568	16	8	3 1/4	30.00	Fkyp

BEAR'S PAW SHADES

Trade No.	For 16-C. P. Lamps	Price per Doz.	Code Word
021560	Opal lined, green outside	\$8.25	Fkte

PLAIN HALF SHADES

055072	Opal lined, green outside	8.25	Bfygo
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No. 021560

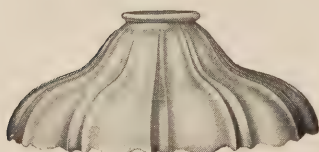
NUBOLUX REFLECTORS



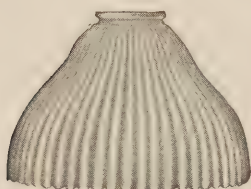
Nos. 510, 520, 530, 540



Nos. 511, 521, 531, 541



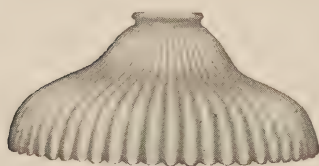
Nos. 512, 522, 532, 542



Nos. 610, 620, 630, 640



Nos. 611, 621, 631, 641



Nos. 612, 622, 632, 642

The basis of Nubolux Reflectors is identical with the highest grade of crystal glass used in the manufacture of Gilbert Prismatic Reflectors—to which are added various chemicals, etc., to produce the desired alabaster—translucent color, density, etc.

Nubolux has the exceptional advantage of being fire polished, which produces a very smooth finish, preventing the accumulation of dust that would naturally adhere to a more or less rough surface; it insures the maximum of reflection, and having passed through the intense heat of the glory holes they are therefore not susceptible to breakage or cracking from the heat from lamps.

FOR 25 AND 40-WATT LAMPS

Trade No.	Mfrs. No.	Diameter Inches	Depth Inches	Size Holder Inches	Dozens to Bbl.	Price per Doz.
083931	510	5½	4	2¼	6	\$10.00
083932	511	5¾	4	2¼	6	10.00
083933	512	7	3	2¼	6	10.00
083934	610	5½	4	2¼	6	10.00
083935	611	5¾	4	2¼	6	10.00
083936	612	7	3	2¼	6	10.00

FOR 60-WATT LAMPS

083937	520	6¾	4¾	2¼	5	12.00
083938	521	6¾	4¾	2¼	5	12.00
083939	522	8½	3½	2¼	5	12.00
083940	620	6¾	4¾	2¼	5	12.00
083941	621	6¾	4¾	2¼	5	12.00
083942	622	8½	3½	2¼	5	12.00

FOR 100-WATT LAMPS

083943	530	7½	5¼	2¼	4	17.00
083944	531	8	5¼	2¼	4	17.00
083945	532	9¾	4	2¼	3	17.00
083946	630	7½	5¼	2¼	4	17.00
083947	631	8	5¼	2¼	4	17.00
083948	632	9¾	4	2¼	3	17.00

FOR 150-WATT LAMPS

083949	540	8¾	6	3¼	3	24.00
083950	541	9	5¾	3¼	3	24.00
083951	542	10¾	4¾	3¼	2	24.00
083952	640	8¾	6	3¼	3	24.00
083953	641	9	5¾	3¼	3	24.00
083954	642	10¾	4¾	3¼	2	24.00

GILBERT REFLECTORS

The glass used is a special grade of the finest clear crystal, producing high reflective power. All designs are highly ornamental, and where greatly increased illumination as well as artistic effects are desired, it will be found that the Gilbert Reflectors may be relied upon.

All Gilbert Reflectors have the sanction and endorsement of the Holoplane Glass Company, and a license label is on each.

All reflectors furnished either sand-blasted or with satin finish, at usual slight advance in cost.



Plain Reflector, No. 185



Flared Reflector, No. 186



Crimped Reflector, No. 186½



Flat Reflector, No. 184

FOR 25-WATT LAMPS

Trade No.	Mfrs. No.	DIMENSIONS, IN.			Doz. to Bbl.	Price per Doz.
		Depth	Diam.	Holder		
083438	185	3¾	6	2¼	7	\$12.80
083439	186	3¾	6	2¼	7	12.80
083440	186½	3¾	6	2¼	7	12.80

FOR 40-WATT LAMPS

Trade No.	Mfrs. No.	Depth	Diam.	Holder	Doz. to Bbl.	Price per Doz.
083441	187	4½	7	2¼	6	14.40
083442	188	4½	7	2¼	6	14.40
083443	189	4½	7	2¼	6	14.40

FOR 60-WATT LAMPS

Trade No.	Mfrs. No.	Depth	Diam.	Holder	Doz. to Bbl.	Price per Doz.
083444	190	5	8	2¼	4	16.00
083445	192	5	8¼	2¼	4	16.00
083446	191	5	8	2¼	4	16.00
083447	184	3¼	8	2¼	6	13.00

FOR 100-WATT LAMPS

Trade No.	Mfrs. No.	Depth	Diam.	Holder	Doz. to Bbl.	Price per Doz.
083448	201X	5¼	8½	2¼	3	20.00
083449	196	4¾	9	2¼	3	19.60
083450	232X	5¼	8½	2¼	3	20.00
083451	197	5	8½	2¼	3	19.60
083452	203X	5¼	8½	2¼	3	20.00
083453	195	3¾	10	2¼	3	19.60

FOR 150-WATT LAMPS

Trade No.	Mfrs. No.	Depth	Diam.	Holder	Doz. to Bbl.	Price per Doz.
083454	199	5¾	9¾	3¼	2	34.00
083455	198	4½	12	3¼	2	34.00

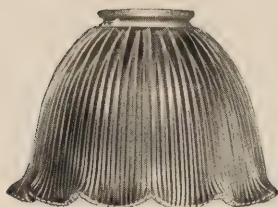
FOR 250-WATT LAMPS

Trade No.	Mfrs. No.	Depth	Diam.	Holder	Doz. to Bbl.	Price per Doz.
083456	198½	6½	11	3¼	1½	52.00
083457	199½	6½	11	3¼	1½	52.00
083458	198	4½	12	3¼	2	34.00

FOR 400 AND 500-WATT LAMPS

Trade No.	Mfrs. No.	Depth	Diam.	Holder	Doz. to Bbl.	Price per Doz.
083459	200	5¾	16	3¼	1	129.60

HOLOPHANE STANDARD LINE REFLECTORS



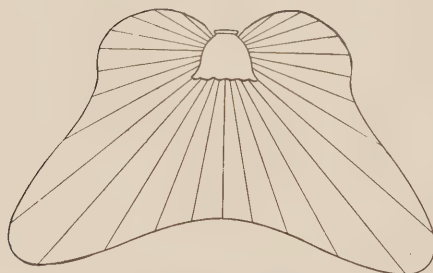
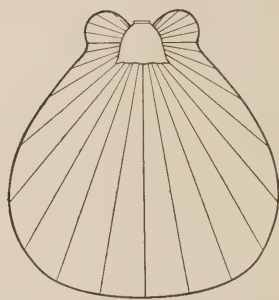
Extensive Type



Focusing Type



Intensive Type

Distribution of
Extensive TypeDistribution of
Focusing TypeDistribution of
Intensive Type

EXTENSIVE TYPE

Trade No.	Type	Tungsten Wattage	DIMEN. INCHES Diam.	Height	Style Holder	Stand. Quant.	Stand. Case	Price Each
042485	E- 25	25	5 $\frac{7}{8}$	3 $\frac{7}{8}$	O	40	20	\$1.31
042486	E- 40	40	6 $\frac{1}{4}$	4 $\frac{1}{2}$	O	30	10	1.45
042487	E- 60	60	7	5	H	30	10	1.56
042488	E-100	100	8	5 $\frac{5}{8}$	H	30	10	2.10
042489	E-150	150	10	6 $\frac{1}{2}$	A	20	10	4.35
042490	E-250	250	11 $\frac{3}{4}$	7 $\frac{3}{4}$	A	12	6	5.36
049505	E-500	500	14 $\frac{1}{8}$	8 $\frac{5}{8}$	Special	8	4	13.00

FOCUSING TYPE

042491	F- 25	25	6 $\frac{5}{8}$	3 $\frac{7}{8}$	O	40	20	1.31
042492	F- 40	40	7 $\frac{1}{8}$	4 $\frac{1}{8}$	O	30	10	1.45
042493	F- 60	60	7 $\frac{7}{8}$	5	H	30	10	1.56
042494	F-100	100	8 $\frac{7}{8}$	5 $\frac{1}{2}$	H	30	10	2.10
042495	F-150	150	11 $\frac{5}{8}$	6 $\frac{1}{2}$	A	20	10	4.35
042496	F-250	250	13 $\frac{1}{4}$	7 $\frac{3}{8}$	A	12	6	5.36

INTENSIVE TYPE

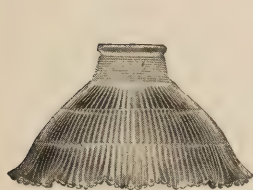
042497	I- 25	25	6	4	O	40	20	1.31
042498	I- 40	40	6 $\frac{3}{4}$	4 $\frac{1}{2}$	O	30	10	1.45
042499	I- 60	60	7	5 $\frac{1}{4}$	H	30	10	1.56
042500	I-100	100	7 $\frac{7}{8}$	5 $\frac{3}{4}$	H	30	10	2.10
042501	I-150	150	10 $\frac{5}{8}$	6 $\frac{3}{4}$	A	20	10	4.35
042502	I-250	250	11 $\frac{5}{8}$	7 $\frac{1}{4}$	A	12	6	5.36
042506	I-500	500	14 $\frac{3}{4}$	8 $\frac{1}{2}$	Special	8	4	13.00

MERIDIAN TYPE

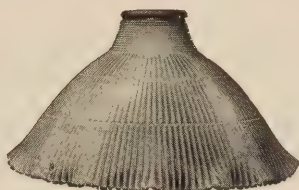
042503	M- 40	40	8 $\frac{3}{8}$	1 $\frac{3}{4}$	H	60	80	.91
049504	M- 60	60	10 $\frac{7}{8}$	2 $\frac{5}{8}$	H	40	40	1.36

For satin finish add 10%, the minimum in no case being less than 3 $\frac{1}{2}$ cents per reflector.
Plain instead of crimped edge can be furnished upon special order.

HOLOPHANE REFLECTORS



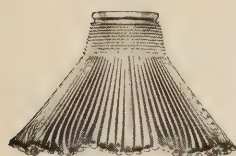
No. 9673



No. 9651



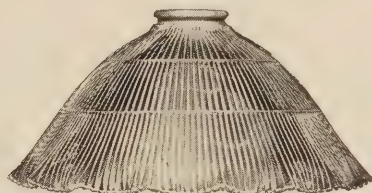
No. 9623



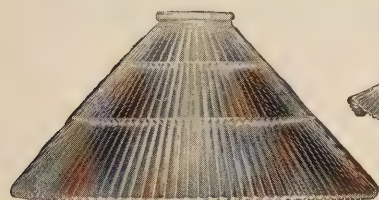
No. 2631



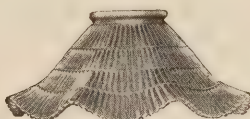
No. 2683



No. 9051



No. 9210



No. 9004



No. 9053

Trade No.	Mfrs. No.	Width Inches	Height Inches	Holder Inches	Std. Pkg.	Price Each
043710	9673	7 $\frac{1}{2}$	4 $\frac{3}{8}$	2 $\frac{1}{4}$	40	\$1.13
043711	2673	7 $\frac{1}{2}$	4 $\frac{1}{2}$	2 $\frac{1}{4}$	40	1.13
043712	2621	6	3 $\frac{3}{8}$	1 $\frac{5}{8}$	90	.81*
043713	9651	9 $\frac{3}{4}$	5 $\frac{1}{8}$	2 $\frac{1}{4}$	15	1.84
043714	2651	9 $\frac{1}{2}$	5	2 $\frac{1}{4}$	15	1.84
043715	9623	6 $\frac{1}{4}$	3 $\frac{7}{8}$	2 $\frac{1}{4}$	70	.94
043716	2623	6 $\frac{1}{2}$	3 $\frac{1}{2}$	2 $\frac{1}{4}$	90	.94
043717	2631	5 $\frac{1}{2}$	3 $\frac{1}{2}$	1 $\frac{5}{8}$	120	.81*
043718	9633	6 $\frac{1}{4}$	4	2 $\frac{1}{4}$	70	.94
043719	2633	6	3 $\frac{3}{4}$	2 $\frac{1}{4}$	80	.94
043720	2683	5	3 $\frac{3}{4}$	2 $\frac{1}{4}$	80	.85
043721	9004	7 $\frac{1}{4}$	3	2 $\frac{1}{4}$	70	.85
043722	9000	7	3	2 $\frac{1}{4}$	70	.85
043723	8145	4 $\frac{1}{8}$	1 $\frac{7}{8}$	1 $\frac{5}{8}$	50	.53*
043724	9051	10 $\frac{3}{4}$	5 $\frac{1}{8}$	2 $\frac{1}{4}$	15	2.84
043725	9210	10	5	2 $\frac{1}{4}$	30	1.76
043726	9207	6 $\frac{7}{8}$	5 $\frac{1}{4}$	2 $\frac{1}{4}$	50	1.08
043727	9057	10	5 $\frac{1}{2}$	2 $\frac{1}{4}$	15	2.52
043728	9693	6 $\frac{5}{8}$	4 $\frac{3}{4}$	2 $\frac{1}{4}$	40	1.34

*Price on Nos. 8145, 2621 and 2631 includes shade holders.

Nos. 2673 and 2621 are similar to No. 9673, but with continuous prism.

No. 2651 is similar to No. 9651, but with continuous prism.

No. 2623 is similar to No. 9623, but with continuous prism.

No. 9633 and 2633 are similar to No. 2631, but with equal prisms.

No. 9000 is similar to No. 9004, but has a straight edge.

No. 9207 is similar to No. 9210, but is narrower.

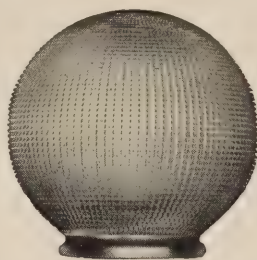
No. 9057 is similar to No. 9651.

No. 9693 is similar to No. 9623.

HOLOPHANE BALLS AND GLOBES



No. 3154



No. 3405



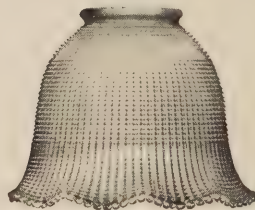
No. 9136



No. 2805



No. 2250



No. 2450

PENDANT BALLS

Trade No.	Mfrs. No.	Class	Diameter Inches	Holder Inches	Mazda Voltage	Stand. Pkg.	Price Each
042465	3050	B	5½	3¼	25	30	\$1.61
042466	3063	B	6	3¼	25	30	2.05
042467	3064	B	6	4	25	30	2.05
042468	3155	B	6½	3¼	40	20	2.54
042469	3154	B	6½	4	40	20	2.54
042470	3550	B	8	4	60	10	4.53
042471	3555	B	8	5	60	10	4.53
042472	3556	B	8	6	60	10	4.53

UPRIGHT BALLS

042473	3405	B	5½	3¼	25	30	1.61
042474	3105	B	6½	3¼	40	20	2.54
042475	3145	B	6½	4	40	20	2.54
042476	3500	B	8	4	60	10	4.53
042477	3505	B	8	5	60	10	4.53
042478	3506	B	8	6	60	10	4.53

REFLECTOR BALLS

042479	9136	B	6	3¼	25	20	3.35
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This price is for reflector ball without decorative cutting.
Special prices quoted for decorative cutting.

UPRIGHT GLOBES

Trade No.	Mfrs. No.	Class	Width Inches	Height Inches	Holder Inches	LAMPS RECOMMENDED		Stand. Pkg.	Price Each
						Carbon Wattage	Mazda Wattage		
042480	2805	B	5½	4½	2¼	60	25	60	\$1.04
042481	*2205	B	4½	4½	2¼	60	25	90	.85

PENDANT GLOBES

042482	*2705	B	4½	4¼	1½	60	25	100	.81†
042483	2250	B	4¾	4¾	2¼	60	25	90	.85
042484	2450	B	5½	4¼	2¼	60	25	70	1.04

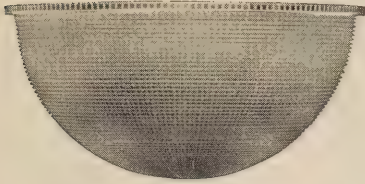
*Design similar to 2250.

†Price includes special holder.

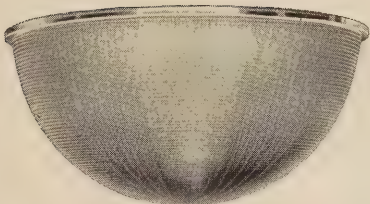
Great care should be exercised in using these balls and globes. Never use an upright as a pendant or vice versa. These globes are intended for general illumination rather than for concentrating the light in any given direction. They are especially well adapted to chandelier work when it is desired to light a large area.

HOLOPHANE HEMISPHERES

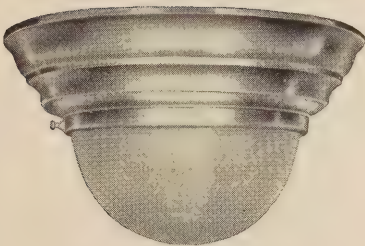
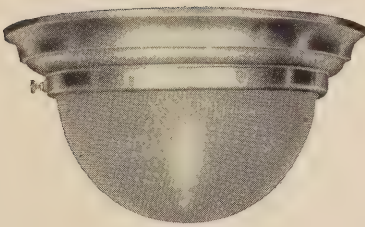
HEMISPHERES



No. 1011



No. 1012

Fixture for Single Lamp
and ReflectorFixture for Cluster
of Lamps

Holophane Hemispheres are the most effective globes of this type available, and the most efficient.

The new designs, Nos. 1012, 1212, 1412, and 1612, are particularly rich and brilliant in effect, as they have the new stiletto type prisms on the inner surface, thus giving a pleasing variation to the play of light.

Trade No.	Mfrs. No.	DIAM., INCHES		Depth Inches	Mazda Watts	Std. Pkg.	Price Each
		Under Flange	Over All				
086686	701	6 $\frac{3}{4}$	7 $\frac{3}{8}$	4 $\frac{1}{2}$	40	25	\$1.70
086687	811	7 $\frac{1}{2}$	8	5 $\frac{5}{8}$	40	10	2.20
086688	852	8 $\frac{5}{8}$	9	5 $\frac{1}{2}$	60	10	2.91
086689	911	8 $\frac{5}{8}$	9	5 $\frac{1}{8}$	60	15	2.73
086690	1011	9 $\frac{1}{2}$	10	4 $\frac{3}{4}$	60	10	3.50
086691	1012	9 $\frac{1}{2}$	10	4 $\frac{3}{4}$	60	10	3.50
086692	1211	11	12	5 $\frac{3}{4}$	100	8	5.91
086693	1212	11	12	5 $\frac{5}{8}$	100	8	5.91
086694	1411	13 $\frac{1}{2}$	14	6 $\frac{3}{4}$	150	6	11.63
086695	1412	13 $\frac{1}{2}$	14	6 $\frac{3}{4}$	150	6	11.63
086696	1611	15 $\frac{1}{2}$	16	7 $\frac{3}{4}$	250	4	17.25
086697	1612	15 $\frac{1}{2}$	16	7 $\frac{5}{8}$	250	4	17.25
086698	2001	20	20 $\frac{1}{2}$	10 $\frac{1}{4}$	250	2	75.00

FIXTURES FOR HOLOPHANE HEMISPHERES

Two types of hemisphere fixtures are furnished: one is designed for a single high-efficiency lamp, reinforced with a strong concentrating Holophane Reflector, and the other for a cluster of lamps.

The single-light type should be used in preference to the cluster, because the reflector used inside the hemisphere adds materially to the efficiency of the unit. It should be noted that the single-light holder is considerably deeper than that of the cluster unit.

When the cluster type fixture is installed, an asbestos disc should be used just above the lamps. This disc serves as an inside reflector and adds to the efficiency of the unit.

Trade No.	Mfrs. No.	Diam. Holder at Ceiling, In.	Single Light		UNBROKEN PKG.			Price Each
			Depth of Holder Inches	Depth Over All Inches	Std. Pkg.	Quan- tity	Approx. Wt. Lbs.	
088689	*0300	10	3 $\frac{1}{8}$	7 $\frac{1}{8}$	20	1	24	\$15.00
088690	*0301	11	2 $\frac{1}{2}$	7 $\frac{3}{4}$	15	1	25	16.00
088691	*0302	15	4 $\frac{3}{4}$	9 $\frac{1}{2}$	10	1	24	21.00
Cluster Light								
088692	03301	16	4 $\frac{3}{4}$	9 $\frac{5}{16}$	8	1	25	24.00
088693	03302	16	4 $\frac{3}{4}$	9 $\frac{5}{16}$	8	1	25	24.00
088694	03321	17 $\frac{7}{8}$	4 $\frac{3}{4}$	10 $\frac{1}{4}$	6	1	40	27.25
088695	03322	17 $\frac{7}{8}$	4 $\frac{3}{4}$	10 $\frac{1}{4}$	6	1	40	27.25
088696	03341	20	5	11 $\frac{5}{8}$	4	1	40	37.25
088697	03342	20	5	11 $\frac{5}{8}$	4	1	40	37.25
088698	03361	22 $\frac{1}{4}$	4 $\frac{7}{8}$	12 $\frac{1}{2}$	2	1	45	47.00
088699	03362	22 $\frac{1}{4}$	4 $\frac{7}{8}$	12 $\frac{1}{2}$	2	1	45	47.00
088700	03382	26 $\frac{7}{8}$	6 $\frac{1}{2}$	16 $\frac{1}{4}$	1	1	80	124.25
088701	03482	26 $\frac{7}{8}$	6 $\frac{1}{2}$	16 $\frac{1}{4}$	1	1	80	125.00
088702	03201	13 $\frac{5}{8}$	3	7 $\frac{5}{8}$	8	1	30	22.00
088703	03202	13 $\frac{5}{8}$	3	7 $\frac{5}{8}$	8	1	30	22.00
088704	03221	15 $\frac{5}{8}$	2 $\frac{7}{8}$	8 $\frac{3}{8}$	6	1	38	26.75
088705	03222	15 $\frac{5}{8}$	2 $\frac{7}{8}$	8 $\frac{3}{8}$	6	1	38	26.75
088706	03241	17 $\frac{1}{2}$	3	9 $\frac{1}{2}$	4	1	43	35.50
088707	03242	17 $\frac{1}{2}$	3	9 $\frac{1}{2}$	4	1	43	35.50
088708	03261	19 $\frac{3}{4}$	3 $\frac{1}{8}$	10 $\frac{5}{8}$	2	1	45	43.50
088709	03262	19 $\frac{3}{4}$	3 $\frac{1}{8}$	10 $\frac{5}{8}$	2	1	45	43.50
088710	03282	24 $\frac{1}{4}$	3	12 $\frac{3}{4}$	1	1	80	124.75
088711	03292	24 $\frac{1}{4}$	3	12 $\frac{3}{4}$	1	1	80	124.50

*These fixtures have not been redesigned.

SHADES



No. 8983½



No. 6643½



No. 10042½



No. 10077½



No. 10072½



No. 9331½

CRYSTAL ROUGHED INSIDE

PLAIN TOP



No. 9335½

Trade No.	Diameter Inches	Height Inches	Holder Inches	Price per Dozen
No. 8983½				
079314	4	4¼	2¼	\$1.88
No. 6643½				
079315	4	4¼	2¼	1.88
No. 10042½				
079316	3½	4¼	2¼	2.50
No. 10077½—Clear Line				
079317	4	4½	2¼	3.38
No. 10077½				
079514	4	3¾	2¼	3.38

CRYSTAL PRESSED

SCALLOPED TOP



No. 9782½

No. 9331½				
079318	4¾	4½	2¼	1.00
No. 9335½				
079319	4¾	4½	2¼	1.00
No. 9782½				
089735	4½	4⅛	2¼	1.00

ETCHED SHADES



No. 6043½



No. 6475½



No. 6927½



No. 8747½



No. 8685½



No. 5990½

ACID ETCHED

No. 6043½, Ribbed, Scalloped Top

Trade No.	Diam. Inches	Length Inches	Holder Inches	Price per Dozen
044084	4	4½	2¼	\$6.00

ELECTRO ETCHED

No. 6475½, Scalloped Top

044085	4	4¼	2¼	6.00
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WHITE ACID ETCHED

No. 6927½, Crimped Top

044086	4½	4¼	2¼	4.00
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No. 8747½, Crimped Top

044087	4½	4¼	2¼	4.00
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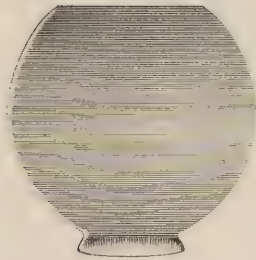
No. 8685½

Trade No.	Diam. Inches	Length Inches	Holder Inches	Style	Price Each
044089	6	4¼	2¼	Clear	\$3.75
044090	6	4¼	2¼	Ruby	7.00
044091	6	4¼	2¼	Canary	7.00
044092	6	4¼	2¼	Light blue	7.00
044093	6	4¼	2¼	Orange	7.00

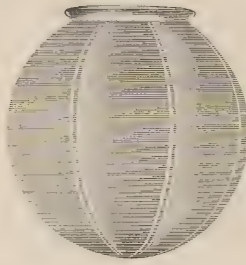
No. 5990½

081994	6	4¼	2¼	Clear	3.75
081995	6	4¼	2¼	Ruby	7.00
081996	6	4¼	2¼	Canary	7.00
081997	6	4¼	2¼	Light blue	7.00
081998	6	4¼	2¼	Orange	7.00

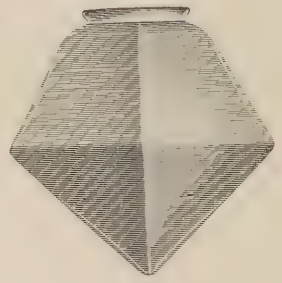
SHADES AND BALL GLOBES



No. 8887



No. 8796



No. 9365

PLAIN TOP SHADES

Crystal, Roughed Inside

Trade No.	Diam. Inches	Height Inches	Holder Inches	Price per Dozen
021574	5½	5½	2¼	\$3.13

BALLS

No. 8796 Hexagonal

Trade No.	Diam. Inches	Holder Inches	Description	Price per Dozen
021575	6	3¼	Roughed inside	\$6.25
021576	8	4	Roughed inside	11.25
021577	6	3¼	Straw opalescent	8.75
021578	8	4	Straw opalescent	13.75

No. 9365 Square

021579	6	3¼	Roughed inside	7.50
021580	8	3¼	Roughed inside	12.50
021581	6	3¼	Pearl opalescent	10.00
021582	8	3¼	Pearl opalescent	15.00
021583	6	3¼	Straw opalescent	10.00
021584	8	3¼	Straw opalescent	15.00

No. 5817 Plain

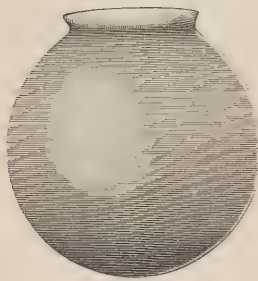
021585	6	3¼	Roughed inside	2.50
021586	8	3¼	Roughed inside	4.38
021587	10	4	Roughed inside	9.38
021588	6	3¼	Straw opalescent	6.25
021589	8	3¼	Straw opalescent	8.13
021590	10	4	Straw opalescent	17.50

No. 5204 Twist

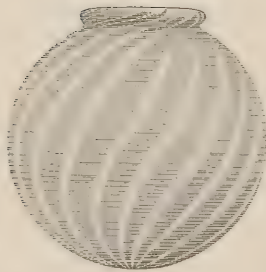
021591	6	3¼	Flint opalescent	6.25
021592	8	3¼	Flint opalescent	8.75
021593	10	4	Flint opalescent	18.75

No. 9868 Cut Stars

021594	6	3¼	Roughed inside	11.25
021595	8	3¼	Roughed inside	20.00
021596	10	4	Roughed inside	38.75



No. 5817



No. 5204



No. 9868

KLEMM REFLECTORS

ADJUSTABLE REFLECTORS

For Lighting Show Windows



These reflectors are placed at the top of the window near the front glass, are hung on brackets at the ends, and adjusted to any angle with set screws, thus reflecting the light where it is wanted.

They are made of any length and for any number of lights; the lights can be placed 6 inches or more apart.

Lined with Imported Corrugated Silvered Glass

Trade No.	Mfrs. No.	Width Inches	Description	Price per Foot
083414	1144	4	Reflector only	\$1.50
083415	1144	5	Reflector only	1.65
083416	1144	6	Reflector only	1.80

Lined with Plain Mirror Glass

083417	1145	4	Reflector only	1.40
083418	1145	5	Reflector only	1.55
083419	1145	6	Reflector only	1.65

Lined with Opal Glass

083420	1146	4	Reflector only	1.40
083421	1146	5	Reflector only	1.55
083422	1146	6	Reflector only	1.65

Wiring and sockets, 50 cents per light extra.

CONTINUOUS LIGHT REFLECTORS

For Lighting Show Windows, Show Cases, Etc.



These reflectors are made of any required length to fit spaces in show windows and cases, and are hung on small adjustable brackets at each end.

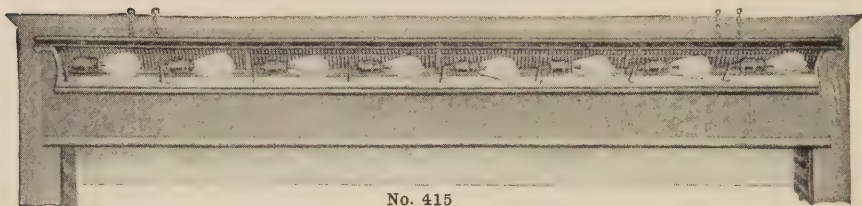
The lights are placed close together making almost one continuous line of light with the use of tubular lamps.

Lined with Corrugated Silvered Glass

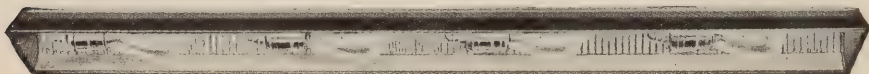
Trade No.	Mfrs. No.	Width Inches	Description	Price per Foot
083423	1148	2½	With wiring and sockets	\$2.25
083424	1148	3	With wiring and sockets	2.30
083425	1148	4	With wiring and sockets	2.40

In ordering, give exact measurements of the space in which the reflectors are to fit.

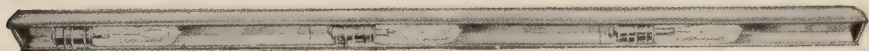
FRINK REFLECTORS



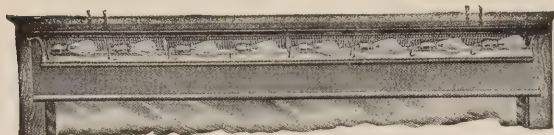
No. 415



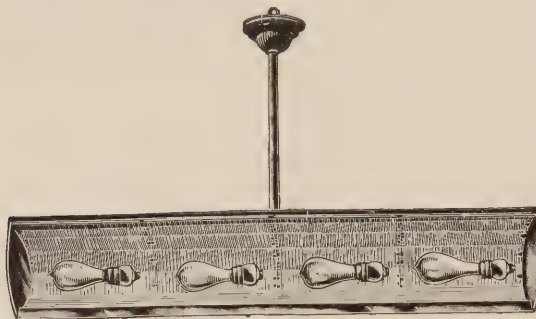
No. 420



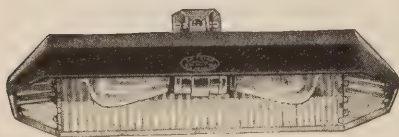
No. 430



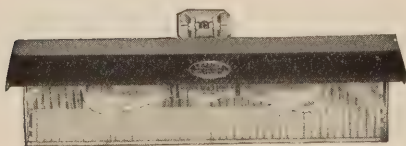
Glass No. 2756A Metal No. 2757A



Glass No. 2756 Metal No. 2757



No. 1 Paneled End



No. 2 Plain Open End

WINDOW REFLECTORS

Trade No.	Dis. Mfrs. No.	Between Sockets per Foot	Price	Code Word
045748	415	9	\$2.50	Alauf

HIGH CASE REFLECTORS

045749	420	18	2.00	Alaug
045750	421	18	2.00	Alauk

No. 420, 3½ inches deep made for standard lamps.

No. 421, 2½ inches deep made for tubular lamps.

COUNTER CASE REFLECTORS

045751	430	18	2.00	Alaum
045752	431	18	1.50	Alaur
045753	432	18	1.75	Alayg

All the above reflectors are furnished wired.

No. 430, 2¼ inches deep, face made for tubular lamps constructed of heavy gauge brass lined with special silver plate corrugated glass.

No. 431, nickel plated inside and outside.

No. 432, 1¾ inches face made for miniature lamps, nickel plated finish.

WINDOW REFLECTORS

045754	2756A	2.20	Alayl
045755	2987A	2.00	Albac
045756	2757A	1.50	Albad
045757	2756B	2.50	Albaf
045758	2987B	2.30	Albap
045759	2757B	1.80	Albar
045760	2756	2.50	Albat
045761	2989	2.30	Albba
045762	2757	1.80	Albbk

The above prices do not include wiring.

Nos. 2756A, 2756B, and 2756 are lined with silver plated corrugated glass.

Nos. 2987A, 2987B, and 2989 are lined with mirror plate glass.

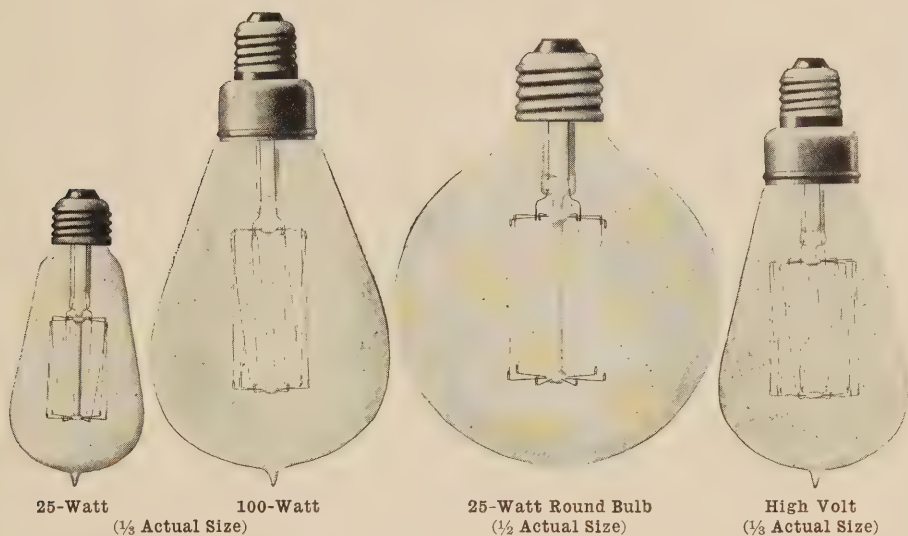
Nos. 2757A, 2757B and 2757 are bright corrugated metal.

TWIN WINDOW REFLECTORS

No. 1	No. 2
045763 15 in. long	6.00 Albbo
045764 15 in. long	4.00 Albca

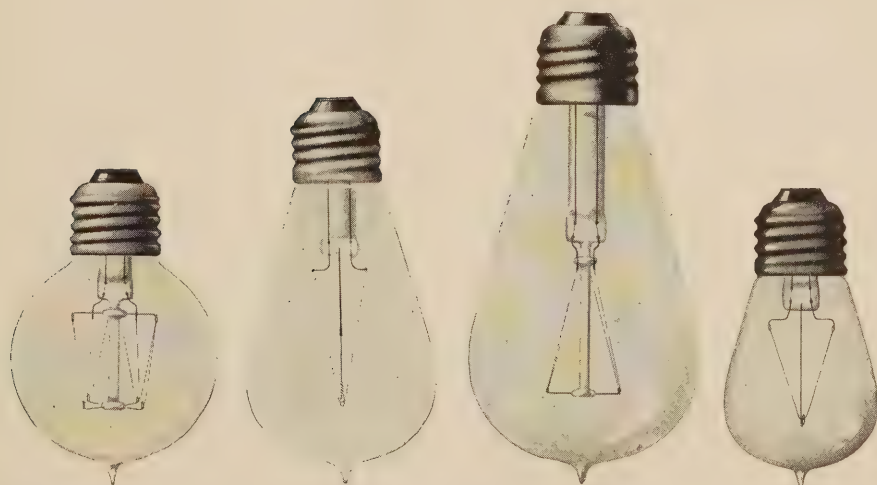
BRYAN-MARSH MAZDA LAMPS

MEDIUM SCREW BASE, 57 TO 250 VOLTS



Prices and data on the above lamps will be found on the following page.

MEDIUM SCREW BASE, LOW VOLT, 4 TO 20 VOLTS

(Illustrations $\frac{1}{2}$ Actual Size)Train Lighting, G-18 $\frac{1}{2}$ Bulb

Train Lighting, S-19 Bulb

Double Loop

Sign

Prices and data on the above lamps will be found on one of the following pages.

BRYAN-MARSH DRAWN WIRE MAZDA LAMPS

REGULAR

100 to 130 Volts

Trade No.	Nom. Watts	Efficiency	Watts per Mean Hor. C. P.	Mean Hor. C. P.	Std. Pkg.	Std. Pkg. Wt., Lbs.	Style Bulb	Diam. Inches	Length Inches	PRICE, EACH Clear	PRICE, EACH Frosted
066931	15	{ High Medium Low	1.31 1.37 1.43	11.4 10.6 9.8	100	..	S-17	2 $\frac{1}{8}$	4 $\frac{1}{2}$	\$0.50	\$0.53
066932	20	{ High Medium Low	1.31 1.37 1.43	15.3 14.2 13.1	100	..	S-17	2 $\frac{1}{8}$	4 $\frac{1}{2}$	.50	.53
066944	25	{ High Medium Low	1.31 1.37 1.43	19.1 17.7 16.4	100	45	S-19	2 $\frac{3}{8}$	5 $\frac{1}{8}$	.50	.53
066945	\$40	{ High Medium Low	1.23 1.28 1.33	32.5 30.4 28.5	100	60	S-21	2 $\frac{5}{8}$	5 $\frac{5}{8}$	.55	.59
066946	60	{ High Medium Low	1.18 1.23 1.28	50.8 47.3 44.2	50	50	S-24 $\frac{1}{2}$	3 $\frac{1}{16}$	7	.75	.80
066947	100	{ High Medium Low	1.18 1.23 1.28	84.7 78.9 73.6	24	32	S-30	3 $\frac{3}{4}$	7 $\frac{3}{4}$	1.10	1.17
066948	150	{ High Medium Low	1.18 1.23 1.28	127.0 118.3 110.4	24	33	S-35	4 $\frac{3}{8}$	8 $\frac{3}{8}$	1.65	1.75
066949	250	{ High Medium Low	1.13 1.18 1.23	222.0 204.2 191.0	12	27	S-40	5	9 $\frac{5}{8}$	2.30	2.45

200 to 260 Volts

066930	25	Single	1.40	18.0	50	..	S-19	2 $\frac{3}{8}$	5 $\frac{1}{2}$	.80	.84
066960	40	Single	1.31	30.5	50	..	S-21	2 $\frac{5}{8}$	5 $\frac{1}{2}$	.90	.95
066961	60	Single	1.31	45.8	50	..	S-24 $\frac{1}{2}$	3 $\frac{1}{16}$	7	1.20	1.27
066962	100	Single	1.31	76.4	24	..	S-30	3 $\frac{3}{4}$	7 $\frac{3}{4}$	1.70	1.80
066963	150	Single	1.31	114.5	24	..	S-35	4 $\frac{3}{8}$	8 $\frac{3}{4}$	2.40	2.55
063995	250	Single	1.31	191.0	12	..	S-40	5	9 $\frac{5}{8}$	3.30	3.50

25 to 34 Volts

066964	10	Single	1.23	8.1	100	..	S-19	2 $\frac{3}{8}$	5 $\frac{1}{4}$	.50	.53
066965	15	Single	1.23	12.2	100	..	S-19	2 $\frac{3}{8}$	5 $\frac{1}{4}$	.50	.53
066966	20	Single	1.23	16.3	100	..	S-19	2 $\frac{3}{8}$	5 $\frac{1}{4}$	.50	.53
066967	25	Single	1.23	20.3	100	..	S-19	2 $\frac{3}{8}$	5 $\frac{1}{4}$	.50	.53
066968	40	Single	1.23	32.5	100	..	S-19	2 $\frac{3}{8}$	5 $\frac{1}{4}$	.55	.58
066969	50	Single	1.23	40.7	100	..	S-21	2 $\frac{5}{8}$	5 $\frac{3}{8}$	.64	.64

57 to 65 Volts

066970	15	Single	1.23	12.2	100	..	S-19	2 $\frac{3}{8}$	5 $\frac{1}{4}$	.50	.53
066971	20	Single	1.23	16.3	100	..	S-19	2 $\frac{3}{8}$	5 $\frac{1}{4}$	.50	.53
066972	25	Single	1.23	20.3	100	..	S-19	2 $\frac{3}{8}$	5 $\frac{1}{4}$	.50	.53
066973	40	Single	1.23	32.5	100	..	S-19	2 $\frac{3}{8}$	5 $\frac{1}{4}$	.55	.58
066974	50	Single	1.23	40.7	100	..	S-21	2 $\frac{5}{8}$	5 $\frac{3}{8}$	.60	.64

TUBULAR

100 to 130 Volts

066959	25	{ High Medium Low	1.31 1.37 1.43	19.1 17.7 16.4	100	39	T-10	1 $\frac{1}{4}$	5 $\frac{3}{4}$.85	.90
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*Fitted with skirted medium screw base only.

§Medium screw base; if skirted medium screw base, add 10 cents to list.

†Mogul Screw Base regularly supplied and recommended. Medium skirted screw base can be supplied at same price but is not recommended.

BRYAN-MARSH DRAWN WIRE MAZDA LAMPS

ROUND BULB

100 to 130 Volts

Trade No.	Nom. Watts	Efficiency	Watts per Mean Hor. C. P.	Mean Hor. C. P.	Std. Pkg. Pkg. Wt., Lbs.	Style Bulb	Diam. Inches	Length Inches	PRICE, EACH	
									Clear	Frosted
066950	15	High	1.31	11.4	100	G-18½	2⅝ ₁₆	3½	\$0.80	\$0.83
		Medium	1.37	10.6						
		Low	1.43	9.8						
066951	25	High	1.31	19.1	100	G-18½	2⅝ ₁₆	3½	.80	.83
		Medium	1.37	17.7						
		Low	1.43	16.4						
066952	§40	High	1.23	32.5	24	G-30	3¾	6	1.00	1.07
		Medium	1.28	30.4						
		Low	1.33	28.5						
066953	60	High	1.18	50.8	24	G-40	5	7⅞	1.25	1.40
		Medium	1.23	47.3						
		Low	1.28	44.2						
066954	†400	High	1.13	354	8	G-56	7	10½	4.15	4.40
		Medium	1.18	328						
		Low	1.23	306						
066955	†500	High	1.13	442	8	G-64	8	11½	4.55	4.85
		Medium	1.18	410						
		Low	1.23	382						

200 to 260 Volts

066956	*40	Single	1.48	30.4	24	32	G-30	3¾	6	1.50	1.90
066957	*60	Single	1.48	40.5	24	36	G-40	5	7⅞	1.60	2.10
066958	†500	Single	1.23	407	8	50	G-64	8	11½	6.25	6.60

*Fitted with skirted medium screw base only.

§Medium screw base; if skirted medium screw base, add 10 cents to list.

†Mogul Screw Base regularly supplied and recommended. Medium skirted screw base can be supplied at same price but is not recommended.

STREET SERIES

Regular Pear Shaped Bulbs—Fitted with Mogul Screw Base**

(EFFICIENCY 1.18 W. P. C.)

Trade No.	Ampere Range	C. P.	Average Volts	Std. Pkg.	Style Bulb	Diam. Inches	PRICE, EACH	
							Clear	Frosted
083294	3.5 (3. to 3.8)	32	10.9	50	S-27½	3⅞ ₁₆	\$1.05	\$1.12
		40	13.5					
		60	20.1					
083295		80	27.0	24	S-35	4⅞	1.30	1.40
		32	9.5					
		40	11.8					
083296	4.0 (3.8 to 4.3)	60	17.8	50	S-27½	3⅞ ₁₆	1.05	1.12
		80	23.6					
		100	29.5					
083297		200	59.0	12	S-40	5	2.50	2.65
		350	103.3					
		8						
083298		32	6.9	50	S-27½	3⅞ ₁₆	1.05	1.12
		40	8.6					
		60	12.9					
083300	5.5 (5.1 to 5.9)	80	17.2	24	S-35	4⅞	1.30	1.40
		100	21.4					
		200	42.9					
083301		350	75.0	8	G-64	8	4.15	4.45
		32	5.8					
		40	7.2					
083302	6.6 (6.1 to 6.9)	60	10.8	50	S-27½	3⅞ ₁₆	1.05	1.12
		80	14.3					
		100	17.9					
083303		24		S-35	4⅞	1.30	1.40	
		12						
		8						
083304		5		S-40	5	2.50	2.65	
		8						
		8						
083305		32	5.1	50	S-27½	3⅞ ₁₆	1.30	1.37
		40	6.3					
		60	9.5					
083306	7.5 (7. to 8.)	80	12.6	24	S-35	4⅞	1.45	1.55
		12						
		8						
083307		5		S-40	5	2.50	2.65	
		8						
		8						

Street Series, 4.0 Amperes
(½ Actual Size)

**Medium screw base also supplied at same price, except the 350 candle power lamp, which is supplied with Mogul Screw Base only.

BRYAN-MARSH MAZDA LAMPS

TRAIN LIGHTING

57 to 65 Volts

Trade No.	Average Watts	Watts per Mean Hor. C. P.	Mean Hor. C. P.	Std. Pkg.	Style Bulb	Diam. Inches	Length Inches	PRICE, EACH Clear	PRICE, EACH Frosted
083331	10	1.15	9.8	100	G-18½	2 $\frac{5}{16}$	3½	\$0.60	\$0.63
083332	15	1.15	12.2	100				.60	.63
083333	25	1.15	20.3	100				.60	.63
083334	50	1.15	40.6	24	G-30	3¾	6½	.90	.97
25 to 34 Volts									
083335	10	1.15	9.8	100	G-18½	2 $\frac{5}{16}$	3½	.60	.63
083336	15	1.15	12.2	100				.60	.63
083337	25	1.15	20.3	100				.60	.63
083338	50	1.15	40.6	24	G-30	3¾	6	.90	.97

LARGE, LOW VOLT, MEDIUM SCREW BASE

Trade No.	Volts	Total Watts	Watts per Mean Hor. C. P.	Mean Hor. C. P.	Std. Pkg.	Style Bulb	Diam. Inches	Length Inches	PRICE, EACH Clear	PRICE, EACH Frosted
083339	4 to 6	2.5	1.23	2.0	100	S-14	1¾	3¼	\$0.50	\$0.53
083340	4 to 6	5	1.23	4.1	100	S-14	1¾	3¼	.50	.53
083341	4 to 6	7.5	1.23	6.1	100	S-14	1¾	3¼	.50	.53
083342	4 to 6	10	1.23	8.1	100	S-14	1¾	3¼	.50	.53
083343	8 to 13	7.5	1.23	6.1	100	S-14	1¾	3¼	.50	.53
083344	8 to 13	10	1.23	8.1	100	S-14	1¾	3¼	.50	.53
083345	10 to 13*	2.5	1.33	1.9	100	S-14	1¾	3¼	.30	.33
083346	10 to 13*	5	1.33	3.8	100	S-14	1¾	3¼	.30	.33
083347	10 to 13½	5	1.33	3.8	100	P-12½	1 $\frac{9}{16}$	3¼	.38	.41
083348	10 to 13	10	1.23	8.1	100	S-17	2⅛	4¼	.50	.53
083349	20	7.5	1.23	6.1	100	S-14	1¾	3¼	.55	.58
083350	20	10	1.23	8.1	100	S-14	1¾	3¼	.55	.58
083351	8 to 13	10	1.23	8.1	100	S-17	2⅛	4¼	.50	.53
083352	8 to 13	12.5	1.23	10.2	100	S-17	2⅛	4¼	.50	.53
083353	8 to 13	15	1.23	12.2	100	S-17	2⅛	4¼	.50	.53
083354	8, 10-13	20	1.23	16.3	100	S-19	2⅝	5	.50	.53
083355	8, 10-13	25	1.23	20.3	100	S-19	2⅝	5	.50	.53
083356	10 to 13	30	1.23	24.4	100	S-19	2⅝	5	.50	.53
083357	20	15	1.23	12.2	100	S-19	2⅝	5	.55	.58
083358	20	20	1.23	16.3	100	S-19	2⅝	5	.55	.58
083359	20	25	1.23	20.3	100	S-19	2⅝	5	.55	.58

ROUND BULB, LOW VOLT, MEDIUM SCREW BASE

083360	4 to 6	2.5	1.23	2.0	100	G-16½	2⅛	3¼	.50	.53
083361	4 to 6	5	1.23	4.1	100	G-16½	2⅛	3¼	.50	.53
083362	4 to 6	7.5	1.23	6.1	100	G-16½	2⅛	3¼	.50	.53
083363	4 to 6	10	1.23	8.1	100	G-16½	2⅛	3¼	.50	.53
083364	8 to 13	7.5	1.23	6.1	100	G-16½	2⅛	3¼	.50	.53
083365	8 to 13	10	1.23	8.1	100	G-16½	2⅛	3¼	.50	.53
083366	20	7.5	1.23	6.1	100	G-16½	2⅛	3¼	.55	.58
083367	20	10	1.23	8.1	100	G-16½	2⅛	3¼	.55	.58
083368	8 to 13	12.5	1.23	10.2	100	G-16½	2⅛	3¼	.50	.53
083369	8 to 13	15	1.23	12.2	100	G-16½	2⅛	3¼	.50	.53
083370	8, 10-13	20	1.23	16.3	100	G-16½	2⅛	3¼	.50	.53
083371	8, 10-13	25	1.23	20.3	100	G-16½	2⅛	3¼	.50	.53
083372	10 to 13	30	1.23	24.4	100	G-16½	2⅛	3¼	.50	.53
083373	20	15	1.23	12.2	100	G-16½	2⅛	3¼	.60	.63
083374	20	20	1.23	16.3	100	G-16½	2⅛	3¼	.60	.63
083375	20	25	1.23	20.3	100	G-16½	2⅛	3¼	.60	.63

*Sign lamp. †Candelabra screw base only.

Lamps under 15 volts have single-loop tip-anchored or anchored-back filaments.

Lamps over 15 volts have double-loop filaments.

LARGE, LOW VOLT

The lamps listed above may be operated on any of the following systems:

1. Low voltage storage battery system.

2. A. C. lighting systems of any voltage, preferably through low voltage transformers.

3. D. C. (or A. C.) lighting systems of any voltage, by the use of series or multiple series wiring.

The filaments of these low voltage lamps are relatively large, and are, therefore, more stable than the 100-volt types. They can be depended upon for good life performances.

BRYAN-MARSH TANTALUM LAMPS

FOR DIRECT CURRENT ONLY

Regular, 25-Watt
($\frac{1}{2}$ Actual Size)Round Bulb
($\frac{1}{2}$ Actual Size)REGULAR
100 to 130 Volts

Trade No.	Nom. Watts	Efficiency	Watts per Mean		Std. Pkg.	Wt., Lbs. Std. Pkg.	Style Bulb	Diam. Inches	Length Inches	PRICE, Clear	EACH Frosted							
			Hor. C. P.	Hor. C. P.														
067001	25	{ High Medium Low	1.97 2.05 2.14	12.7 11.8 11.0	100	32	S-19	2⅜	5	\$0.42	\$0.425							
067002	40	{ High Medium Low	1.79 1.87 1.95	22.3 20.7 19.3														
067003	50	{ High Medium Low	1.79 1.87 1.95	27.9 25.9 24.1														
067004	80	{ High Medium Low	1.79 1.87 1.95	44.6 41.5 38.6	50	32	S-24½	3⅛	7⅛	.70	.73							
200 to 260 Volts																		
067005	*50	Single	1.97	25.4								50	33	S-19	2⅜	5⅝	.83	.87
067006	*80	Single	1.97	40.6								24	32	S-30	3¾	7¾	1.05	1.12

ROUND BULB, UNSKIRTED BASE

100 to 130 Volts

067007	†25	High	1.97	12.7	50	..	G-25	$3\frac{1}{8}$	$4\frac{3}{4}$.50	.53
		Medium	2.05	11.8							
		Low	2.14	11.0							
067008	†40	High	1.79	22.3	24	..	G-30	$3\frac{3}{4}$	$6\frac{1}{4}$.58	.61
		Medium	1.87	20.7							
		Low	1.95	19.3							
084622	*80	High	1.79	44.6	24	..	G-40	5	$7\frac{3}{4}$.83	.93
		Medium	1.87	41.5							
		Low	1.95	38.6							

ROUND BULB, SKIRTED BASE

100 to 130 Volts

100 to 150 Volts											
067009	40	{ High	1.79	22.3	24	..	G-30	3¾	6⅛	.75	.75
		{ Medium	1.87	20.7							
		{ Low	1.95	19.3							
067010	80	{ High	1.79	44.6	24	..	G-40	5	7½	1.00	1.00
		{ Medium	1.87	41.5							
		{ Low	1.95	38.6							
200 to 260 Volts											
067011	50	Single	1.97	25.4	24	..	G-30	3¾	6¼	1.20	1.27
067012	80	Single	1.97	40.6	24	..	G-40	5	7¾	1.50	1.65

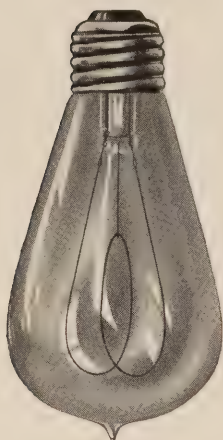
*Regularly fitted with skirted medium screw base only.

†This lamp regularly supplied in medium screw base, unskirted only.

‡If fitted with skirted medium screw base, add 10 cents to list.

CARBON LAMPS

Illustrations One-half Actual Size



50 Watts 100-130 Volts



25 Watts 100-130 Volts



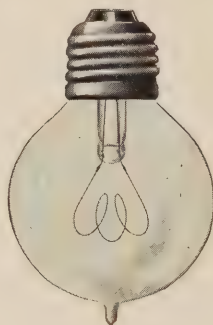
60 Watts 200-275 Volts



Round Bulb



Sign



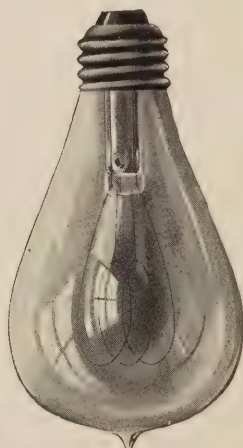
Train Lighting



Stereopticon



Tubular



Mill Type

CARBON LAMPS

MEDIUM SCREW BASE

100 to 130 Volts

Trade No.	Nom. Watts	Efficiency	Watts per Mean Hor. C. P.	Mean Hor. C. P.	Std. Pkg.	Style Bulb	Diam. Inches	Length Inches	Price, Clear	Each Frosted
084700	20	Single	4.15	4.8	200	S-17	2 $\frac{1}{8}$	4 $\frac{3}{8}$	\$0.16	\$0.185
066879	25	High	3.10	8.1	200	S-17	2 $\frac{1}{8}$	4 $\frac{3}{4}$.16	.185
		Medium	3.31	7.3						
		Low	3.52	6.6						
066880	30	High	3.23	9.3	200	S-17	2 $\frac{1}{8}$	4 $\frac{3}{8}$.16	.185
		Medium	3.46	8.4						
		Low	3.69	7.5						
066881	50	High	2.97	16.8	200	S-19	2 $\frac{3}{8}$	5	.16	.185
		Medium	3.18	15.2						
		Low	3.39	13.7						
066882	60	High	2.97	20.2	200	S-19	2 $\frac{3}{8}$	5	.16	.185
		Medium	3.18	18.3						
		Low	3.39	16.4						
066883	100	High	2.97	33.6	100	S-24	3	5 $\frac{3}{4}$.24	.27
		Medium	3.18	30.5						
		Low	3.39	27.4						
066884	120	High	2.97	40.4	100	S-24	3	5 $\frac{3}{4}$.24	.27
		Medium	3.18	36.6						
		Low	3.39	32.8						

200 to 275 Volts

066885	35	Single	4.40	8.0	200	P-19	2 $\frac{3}{8}$	4 $\frac{3}{8}$	.18	.205
066886	60	Single	3.69	16.3	200	P-21	2 $\frac{5}{8}$	4 $\frac{7}{8}$	.18	.205
066887	120	Single	3.69	32.5	100	S-24	3	5 $\frac{3}{4}$	.32	.35

ROUND BULB

100 to 130 Volts

066897	30	High	3.57	8.4	200	G-18 $\frac{1}{2}$	2 $\frac{5}{16}$	3 $\frac{1}{2}$.20	.225
		Medium	3.81	7.6						
		Low	4.05	6.9						
066898	60	High	3.02	19.9	200	G-18 $\frac{1}{2}$	2 $\frac{5}{16}$	3 $\frac{1}{2}$.20	.225
		Medium	3.23	17.9						
		Low	3.44	16.2						
066899	120	High	3.09	38.9	100	G-25	3 $\frac{1}{8}$	4 $\frac{1}{4}$.32	.35
		Medium	3.29	35.2						
		Low	3.51	31.7						

200 to 275 Volts

084623	35	Single	4.38	8.0	200	G-18 $\frac{1}{2}$	2 $\frac{5}{16}$	3 $\frac{1}{2}$	.24	.265
084624	60	Single	3.75	16.0	200	G-18 $\frac{1}{2}$	2 $\frac{5}{16}$	3 $\frac{1}{2}$	.24	.265
084625	120	Single	3.75	32.0	100	G-25	3 $\frac{1}{8}$	4 $\frac{1}{4}$	.44	.47

The above lamps are illustrated on the preceding page.

SIGN LAMPS

100 to 130 Volts

084626	10	Single	5.00	2.0	200	S-14	1 $\frac{3}{4}$	3 $\frac{1}{4}$	.16	.185
084627	20	Single	4.15	4.8	200	S-14	1 $\frac{3}{4}$	3 $\frac{1}{4}$.16	.185

200 to 275 Volts

084628	30	Single	5.90	5.1	200	P-19	2 $\frac{3}{8}$	4 $\frac{3}{8}$.18	.205
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The above lamps are illustrated on the second preceding page.

TUBULAR

100 to 130 Volts

066901	30	High	3.57	8.4	200	T-10	1 $\frac{1}{4}$	5 $\frac{5}{8}$.24	.265
		Medium	3.81	7.6						
		Low	4.05	6.9						
066902	60	High	3.02	19.9	200	T-10	1 $\frac{1}{4}$	5 $\frac{5}{8}$.24	.265
		Medium	3.23	17.9						
		Low	3.44	16.2						
066903	120	High	3.09	38.9	100	T-14	1 $\frac{3}{4}$	5 $\frac{7}{8}$.44	.47
		Medium	3.29	35.2						
		Low	3.51	32.7						

200 to 275 Volts

084629	60	Single	3.75	16.0	200	T-10	1 $\frac{1}{4}$	5 $\frac{5}{8}$.34	.365
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MEDIUM SCREW BASE

STEREOPTICON

100 to 130 Volts

100 to 150 volts										
Trade No.	Nom. Watts	Efficiency	Watts per		Std. Pkg.	Style Bulb	Diam. Inches	Length Inches	PRICE, EACH	
			Mean Hor. C. P.	Mean Hor. C. P.					Clear	Frosted
066904	80	Single	3.34	23.9	200	G-20	2 1/2	3 5/8	\$0.32	.....
066905	128	Single	3.94	32.5	200	G-20	2 1/2	3 5/8	.48	.....
066906	128	Single	3.94	32.5	48	G-25	3 1/8	5 3/8	.40	.....
066907	200	Single	3.94	50.8	48	G-25	3 1/8	5 3/8	.60	.....
066908	*260	Single	2.56	101.6	48	G-25	3 1/4	5 3/8	.60	.....
066909	375	Single	3.69	101.6	24	G-30	3 3/8	6 1/8	1.20	.....

For Bullseye Frosting, add 25 per cent to list.

TRAIN LIGHTING

57 to 65 Volts

066910	20	Single	2.46*	8.1	200	G-12	11½	2¾	.28	.30
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28 to 34 Volts

066911	15	Single	2.46*	6.1	200	G-12	1½	2⅜	.28	.30
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*These lamps are metallized filaments, but are treated on the schedule as if they were carbon.

STREET RAILWAY

100 to 130 Volts

066912	42	Single	4.03	10.4	200	S-19	2 $\frac{3}{8}$	4 $\frac{3}{4}$	.16	.185
066913	64	Single	3.94	16.3	200	S-19	2 $\frac{3}{8}$	4 $\frac{3}{4}$	.16	.185
066914	114	Single	3.44	33.1	100	S-24	3	5 $\frac{3}{4}$	.24	.27
066915	64	Single	3.94	16.3	200	G-18 $\frac{1}{2}$	2 $\frac{5}{16}$	3 $\frac{1}{2}$	.20	.225
066916	64	Single	3.94	16.3	200	T-10	1 $\frac{1}{4}$	5 $\frac{1}{8}$	.24	.265
066917	*64	Single	3.94	16.3	200	P-21	2 $\frac{5}{8}$	4 $\frac{7}{8}$	.24	†
066918	*128	Single	3.94	32.5	200	P-21	2 $\frac{5}{8}$	4 $\frac{7}{8}$	.40	†
066919	*128	Single	3.94	32.5	48	G-25	3 $\frac{1}{8}$	5 $\frac{1}{16}$	.40	†
066920	*200	Single	3.94	50.8	48	G-25	3 $\frac{1}{8}$	5 $\frac{1}{16}$	.60	†

† For Bullseye Frosting, add 25 per cent to list.

The above lamps are illustrated on the second preceding page.

GEM LAMPS

100 to 130 Volts

Trade No.	Nom. Watts	Efficiency	Watts per		Mean Hor. C. P.	Std. Pkg.	Style Bulb	Diam. In.	Length In.	PRICE, EACH	
			Mean Hor. C. P.	Mean Hor. C. P.						Clear	Frosted
066921	30	Single	3.00	10.0	200	S-17	2 $\frac{1}{8}$	4 $\frac{3}{8}$	\$0.20	\$0.225	
066934	40	High	2.56	15.6	200	S-19	2 $\frac{3}{8}$	5	.20	.225	
		Medium	2.71	14.2							
		Low	2.89	12.9							
066935	50	High	2.50	20.0	200	S-19	2 $\frac{3}{8}$	5	.20	.225	
		Medium	2.65	18.3							
		Low	2.81	16.6							
066936	60	High	2.50	24.0	200	S-19	2 $\frac{3}{8}$	5	.20	.225	
		Medium	2.65	21.9							
		Low	2.81	19.9							
066937	80	High	2.46	32.5	100	S-24	3	5 $\frac{3}{4}$.30	.33	
		Medium	2.60	29.8							
		Low	2.78	26.8							
066938	100	High	2.46	40.7	100	S-24	3	5 $\frac{3}{4}$.30	.33	
		Medium	2.60	37.2							
		Low	2.78	33.5							

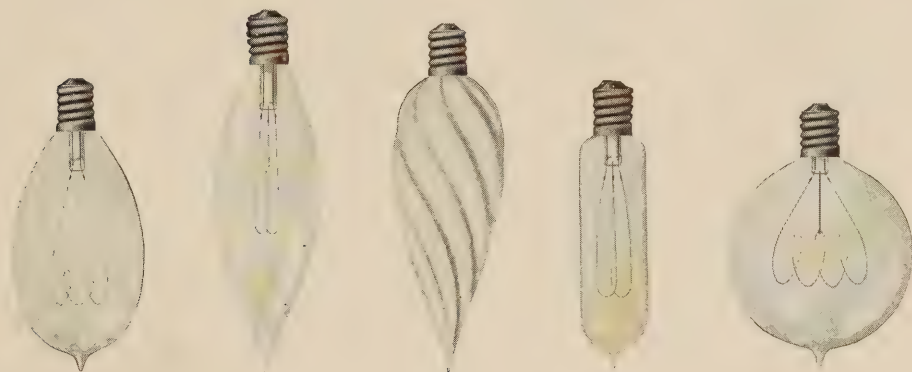


30-Watt

MINIATURE CARBON LAMPS

CANDELABRA

Illustrations One Half Actual Size



Style A

Style B

Style D

Style E

Style G-16½

Trade No.	Type	Volts	Total Watts	Watts Hor. C. P.	Hor. C. P.	Style Bulb	Diam. Inches	Length Inches	Net Price Clear Each
067020	A	100-130	{ 22.8 30.4 }	3.74 3.74	{ 6.1 8.1 }	A	1 ⁷ / ₁₆	3 ⁵ / ₁₆	\$0.18
067021	B	100-130	{ 22.8 30.4 }	3.74 3.74	{ 6.1 8.1 }	B	1 ³ / ₁₆	4	.18
067022	D	100-130	{ 22.8 30.4 }	3.74 3.74	{ 6.1 8.1 }	D	1 ¹ / ₄	3 ⁷ / ₈	.21
067023	E	100-130	{ 22.8 30.4 }	3.74 3.74	{ 6.1 8.1 }	E	³ / ₄	3 ³ / ₁₆	.18
067024	G	100-130	{ 32.8 56.0 }	4.03 3.44	{ 8.1 16.3 }	G-16½	2 ¹ / ₁₆	3 ¹ / ₁₆	.18

Standard package quantity, not less than 200 lamps.

For frosting and superficial coloring, add 2 cents net, additional.

For natural colored lamps, excepting ruby and opal, add 50 per cent; and for ruby and opal, add 100 per cent to net prices.

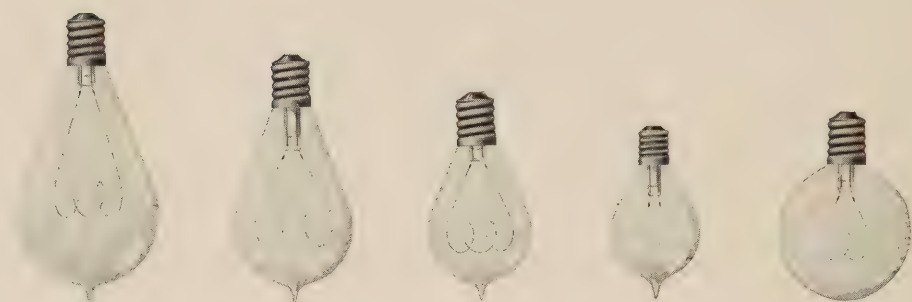
The above lamps are fitted with standard candelabra screw bases only.

Style A is one of the best types of candelabra lamps. Styles B and D are very popular lamps. Style D, when frosted, gives a flame effect. This style of lamp is always supplied frosted, unless otherwise specified. The Style E is a very compact lamp, but, due to its small bulb surface, gets very hot. Style G, the "ball" lamp, is one of the best styles of the Candelabra type, and when frosted gives a very beautiful effect.

MINIATURE CARBON LAMPS

DECORATIVE

Illustrations One Half Actual Size



Trade No.	Type	Volts	Total Watts	Watts		Style Bulb	Diam Inches	Length Inches	Net Price Clear Each
				Hor. C. P.	Hor. C. P.				
067025	F	40-130	{ 25.8 30.4 }	4.23 3.74	6.1 8.1	P-12½	1⅞	3¼	\$0.15
067026	J	20-130	{ 15.2 22.8 }	3.74 3.74	4.1 6.1	P-11	1⅜	2⅝	.15
067027	H	12-16†	12.0	3.94	3.0	P- 9	1⅝	2¼	.15
		‡20-90	{ 15.2 22.8 }	3.74 3.74	4.1 6.1				
		‡90-130	{ 13.0 16.0 }	6.40 3.94	2.0 4.1				
088932	I	12-16†	4.5	4.43	1.0	P- 8	1	1⅝	.12
067029	G	12-16†	12.0	3.94	3.0	G-12	1½	2⅜	.15
067030		100-130	{ 13.0 20.0 }	6.40 4.92	2.0 4.1				.17
067031		28-34	15.0	*2.46	6.1				.20
067032		57-65	20.0	*2.46	8.1				.20
067033		100-130	40.0	4.92	8.1				.20
067034									

*Metalized filament.

†Can be supplied with miniature screw base, if desired.

Standard package quantity, not less than 200 lamps.

For frosting and superficial coloring, add 2 cents net, additional.

For natural colored lamps, excepting ruby and opal, add 50 per cent; and for ruby and opal, add 100 per cent to net prices.

The above lamps are fitted with standard candelabra base only, except as indicated below.

‡Regularly fitted with miniature screw base, but candelabra screw base can be furnished, if desired, at same net price.

Styles F and J are miniature copies of the regular large lamps. They are especially designed for sign lighting where the grouping must be very close. Style H, for multiple burning on high voltages, and Style I, for series burning, are designed for foliage, table and other decorations. Style G is similar to the Candelabra Style G, except that it is somewhat smaller.

When ordering lamps for series burnings, be sure to specify the amperes of lamps already in use. When possible, send sample lamp. If for a new installation, so state.

MINIATURE CARBON LAMPS

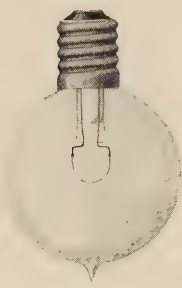
BATTERY AND TELEPHONE



Style G-3 1/2



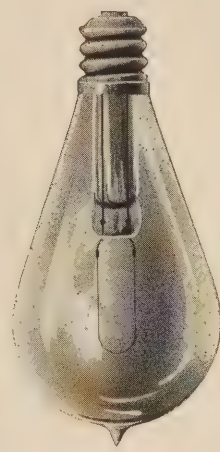
Style G-5 1/2



Style P-6



Style P-7



Style P-8

NOVELTY LAMPS†

Miniature Screw Base

Trade No.	Type	Volts	Total Watts	Watts per Mean Hor.	Hor. C. P.	Style Bulb	Diam. Inches	Length Inches	Net Price Plain Each
067035	Round	3.5	.5	2.46	.2	G-3 1/2	7/16	15/16	\$0.14
067036	F. E. Round	3.5	.5	2.46	.2	G-3 1/2	7/16	3/4	.14
067037	Round	3.5-6	.5	2.46	.2	G-4 1/2	9/16	1 1/16	.14
067038	Round	4-6	.75	2.46	.3	G-5 1/2	11/16	1 3/16	.14
067039	Pear Shaped	4-6	.75	2.46	.3	P-5	5/8	1 1/4	.14

GENERAL BATTERY LAMPS

Miniature Screw, Candelabra Screw or Bayonet Candelabra Base									
Trade No.	Type	Volts	Total Watts	Watts per Mean Hor.	Hor. C. P.	Style Bulb	Diam. Inches	Length Inches	Net Price Plain Each
067040	Round	4-6	6-7	2.95 to 3.44	2.0	G-6	3/4	1	.16
067041	Round	6-8	9-10.5	2.95 to 3.44	3.1	G-7	7/8	1 1/8	.16
067042	Round	6-8	12-14	2.95 to 3.44	4.1	G-8	1	1 1/4	.16
067043	Round	6-10	18-21	2.95 to 3.44	6.1	G-9	1 1/8	1 3/8	.16
067044	Pear Shaped	4-6	6-7	2.95 to 3.44	2.0	P-6	3/4	1 3/8	.16
067045	Pear Shaped	6-8	9-10.5	2.95 to 3.44	3.1	P-7	7/8	1 1/8	.16
067046	Pear Shaped	6-8	12-14	2.95 to 3.44	4.1	P-8	1	2	.16
067047	Pear Shaped	6-10	18-21	2.95 to 3.44	6.1	P-9	1 1/8	2 3/8	.16

Slide Base

Trade No.	Type	Volts	Total Watts	Watts per Mean Hor.	Hor. C. P.	Style Bulb	Diam. Inches	Length Inches	Net Price Plain Each
067048	Slide (Tipped)	4-60	0.7 to 3.5	7.1	.1 to .5	T-2	....	1/4	.14
067049	Base (Tipless)	4-60	0.7 to 3.5	7.1	.1 to .5	T-2	....	1/4	.28

For frosting and superficial coloring, add 2 cents net, additional.

For natural colored, green, blue and purple, add 50 per cent to net price of plain lamps.

For natural colored, ruby and opal, add 100 per cent to net price of plain lamps.

†Miniature screw base only. If fitted with spring contacts, 1 cent net, additional. Unbased or wire lamps, same price as based lamps. Lamps are supplied tipped, unless otherwise indicated; when made tipless, 2 cents net, additional; when made lens end, 4 cents net, additional. Lamps listed as tipless when made lens end, 2 cents net, additional.

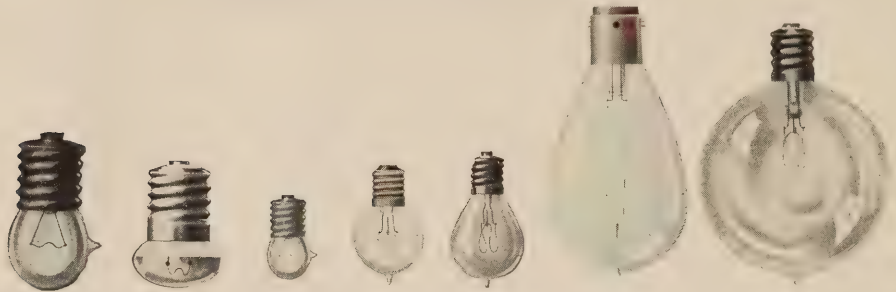
When 200 or more of the above lamps are ordered at any one time, net price is 2 cents less, each.

The data given on these pages is from actual measurements. While the readings appear low, the lamps will deliver as much light as those listed by some manufacturers with higher rated candle power.

The battery lamps illustrated above are made for general battery use where a large battery is used and a fair amount of light is desired. The efficiency is low enough to give a good life. These lamps are carried in stock and prompter shipments can be made than with any of the special battery lamps. These battery lamps should be burned in multiple only on batteries. They should preferably not be used in series, but if so used, the amperes of each lamp in series should be the same within 0.3 of an ampere, and the sum of the volts of the lamps in series should equal the voltage of the circuit within one volt.

The novelty battery lamps illustrated above are designed especially to burn on dry batteries, and for this reason they are made in a low candle power with small current consumption. These lamps are used for all portable lights and lighting novelties, such as bicycle lamps, portable electric candlesticks, electric clock lights, electric pocket searchlights, etc.

MINIATURE MAZDA LAMPS



Style G-3 1/2

Style FE-3 1/2

Style G-4 1/2

Style G-5 1/2

Style P-6 1/2

Style P-12 1/2

Style G-16 1/2

NOVELTY, MINIATURE SCREW BASE

.79 to .98 Watts per Mean Hor. C. P.

Trade No.	Type	Volts	Total Watts	Hor. C. P.	Style Bulb	Diam. Inches	Length Inches	PRICE, EACH	Clear	Frosted
067077	Round, Side Tip	1.5	.6	.51	G-3 1/2	1/16	7/8	\$0.32		\$0.35
067078	Round, Side Tip	2.8	.75	1.02	G-3 1/2	1/16	7/8	.32		.35
067079	Round, Side Tip	3.8	1.05	1.52	G-3 1/2	1/16	7/8	.32		.35
067080	F. E. Round, Tip-less Opal Back	2.8	.75	1.02	FE-3 1/2	1/16	7/8	.40		.43
088922		3.8	1.05	1.52	FE-3 1/2	1/16	7/8	.40		.43
067081	Round, Side Tip	3.8	1.05	1.52	G-4 1/2	9/16	1	.32		.35
067082	Round, Side Tip	6.2	1.65	2.03	G-4 1/2	9/16	1	.32		.35
067083	Round, Side Tip	6.2	1.65	2.03	G-5 1/2	1/8	1 1/8	.35		.38

GENERAL BATTERY, STANDARD MINIATURE, CANDELABRA OR BAYONET CANDELABRA BASE

.98 to 1.23 Watts per Mean Hor. C. P.

088910	Round	2	2.5	2	G-6	3/4	1 1/4	.40	.43
088911	Round	3	1.25	1	G-6	3/4			
088912	Round	4	2.5	2	G-6	3/4			
088913	Round	4	1.8-2.5 & 3.75	1.5-2 & 3	G-6	3/4			
088914	Round	4	5	4	G-6	3/4			
088915	Round	6	5	4	G-6	3/4	...	.50	.53
088916	Round	6	1.9, 3.75, 5 & 7.5	1.5, 3, 4 & 6	G-8	1	1 3/4	.50	.53
088917	Round	6	3.75	3	G-10	1 1/4	1 7/8	.50	.53
067084	Round	6 and 8	7.5	6.1	G-10	1 1/4	1 7/8	.50	.53
067085	Round	6 and 8	10	8.13	G-10	1 1/4	1 7/8	.50	.53
067086	Round	6 and 8	12.5	10.16	G-12	1 1/2	2 3/8	.60	.63
067087	Round	6 and 8	15	12.2	G-12	1 1/2	2 3/8	.60	.63
067088	Round	6 and 8	20	16.26	G-12	1 1/2	2 3/8	.60	.63
067089	Pear Shaped	4	2.5	2.03	P-6 1/2	1 1/8	1 9/16	.40	.43
067090	Pear Shaped	4	5	4.06	P-6 1/2	1 1/8	1 9/16	.40	.43
088918	Pear Shaped	4	5	6	P-8	...	1 15/16	.50	.53
088919	Pear Shaped	6	7.5	6	P-8	...	1 15/16	.50	.53
067091	Pear Shaped	6 and 8	7.5	6.1	P-9	1 1/8	2 1/4	.50	.53
067092	Pear Shaped	6 and 8	10	8.13	P-9	1 1/8	2 1/4	.50	.53
067093	Pear Shaped*	6 and 8	12.5	10.16	P-12 1/2	1 9/16	3 1/4	.60	.63
067094	Pear Shaped*	6 and 8	15	12.2	P-12 1/2	1 9/16	3 1/4	.60	.63
067095	Pear Shaped*	6 and 8	20	16.26	P-12 1/2	1 9/16	3 1/4	.60	.63
067096	Round*	4	5	4.06	G-16 1/2	2 1/16	3	.50	.53
067097	Round*	6	7.5	6.1	G-16 1/2	2 1/16	3	.50	.53
067098	Round*	8	10	8.13	G-16 1/2	2 1/16	3	.50	.53
067099	Round*	8	12.5	10.16	G-16 1/2	2 1/16	3	.50	.53
067100	Round*	10	10	8.13	G-16 1/2	2 1/16	3	.60	.63
067101	Round*	10 and 12	12.5	10.16	G-16 1/2	2 1/16	3	.60	.63
067102	Round*	12	20	16.26	G-16 1/2	2 1/16	3	.60	.63
088920	Round*	20	20	16.26	G-16 1/2	2 1/16	3	.70	.73
088921	Round*	20	25	20.3	G-16 1/2	2 1/16	3	.70	.73

Standard package quantity, 100 lamps or more of one kind or assorted.

*Candelabra screw or bayonet candelabra base only.

For tip anchoring, add 3 cents list additional, per anchor.

Unbased or wire lamps, same price as based lamps.

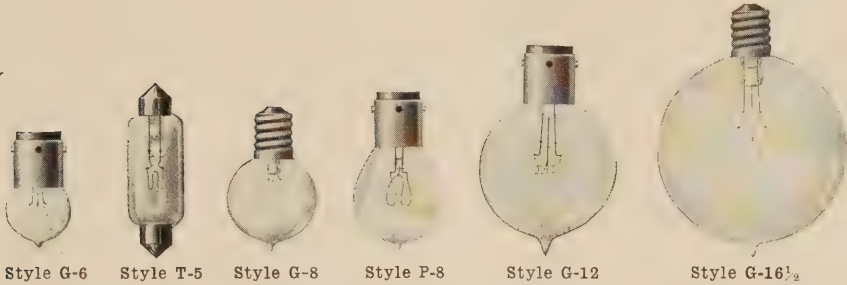
Tipless lamps can be furnished at 20 per cent additional.

The Mazda Novelty Battery lamps are intended primarily for dry battery use.

The Mazda General Battery lamps are designed for multiple burning with storage batteries, large primary batteries, and low voltage transformers, or compensators. They may also be used in series on regular lighting circuits.

MINIATURE LAMPS

MAZDA MINIATURE AUTOMOBILE LAMPS*



.98 to 1.08 Watts per Mean Hor. C. P.

Trade No.	Type	Volts	Total Watts	Hor. C. P.	Style Bulb	Diam. Inches	Length Inches	Price, Each Clear	Price, Each Frosted
067104	Auto Headlight 1½ inches, Round	6	9	9	G-12	1½	2¾	\$0.60	\$0.63
088943		6	12	12	G-12	1½	2¾	.60	.63
067105		6	15	15	G-12	1½	2¾	.60	.63
059905		6	18	18	G-12	1½	2¾	.60	.63
067107	Auto Headlight 2¼ inches, Round	6	15	15	G-16½	2¼	3	.60	.63
067108		6	18	18	G-16½	2¼	3	.60	.63
059906		6	21	21	G-16½	2¼	3	.60	.63
067109		6	24	24	G-16½	2¼	3	.60	.63
067110	Limousine, 5⁄8 in., Tubular	6	5	4.06	T-5	5⁄8	2¼	.60	.63
067111	Special Cap Base Each End	6	7.5	6.1	T-5	5⁄8	2¼	.60	.63
088945	Rear and Speedometer Series Burning	3	1.25	1	G-6	¾	1¼	.40	.43
067112		6	1.8	1.5	G-6	¾	1¼	.40	.43
067113	Auto Tail Light ¾ inch, Round	6	2.5	2	G-6	¾	1¼	.40	.43
067114		6	2.75	3	G-6	¾	1¼	.40	.43
059907	Auto Side Light 1 inch, Round	6	1.8	4.06	G-8	1	1¼	.50	.53
038944		6	3.75	3	G-8	1	1¼	.50	.53
067115	Auto Side Light 1 inch, Round	6	5	4.06	G-8	1	1¼	.50	.53
067116		6	7.5	6.1	G-8	1	1¼	.50	.53
088946	Auto Side Light 1 inch, Round	6	3.75	3	G-10	1¼	1¾	.50	.53
088947		6	7.5	6	G-10	1¼	1¾	.50	.53
088948	1 inch, Pear Shaped	6	10	8	G-10	1¼	1¾	.50	.53
067117		6	5	4.06	P-8	1	1¾	.50	.53
067118	Side Light	6	7.5	6.1	P-8	1	1¾	.50	.53
088949		6	7.5	6	P-9	1¼	2¼	.50	.53
088950	1½ inches, Pear Shaped	6	10	8	P-9	1¼	2¼	.50	.53

Standard package quantity, 100 lamps.

*Candelabra screw or bayonet candelabra base only.

Tipless lamps can be furnished at 20 per cent additional.

Unbased or wire lamps, same price as based lamps. For tip anchoring add 3 cents list, additional, per anchor.

The above lamps are similar in general construction to the general battery lamps listed on the preceding page, but these particular lamps have been developed with an especial view to withstanding the rough usage of automobile lighting service.

MINIATURE DECORATIVE INCANDESCENT LAMPS

1 CANDLE POWER — 14 VOLTS, 8 IN SERIES ON 112 VOLTS



Crab Apple



Lemon



Blackberry



Mulberry



Strawberry



Gooseberry



Walnut



Pine Cone

SMALL FRUIT AND NUT LAMPS IN COLORS



Acorn



Style I

Trade No.	Style	Price Each
067505	Crab Apple	\$0.20
067506	Lemon	.20
067507	Blackberry	.20
067508	Mulberry	.20
067509	Strawberry	.20
067510	Gooseberry	.20
067511	Walnut	.20
067512	Pine Cone	.20
067513	Acorn	.20
067514	Assortment	2.10

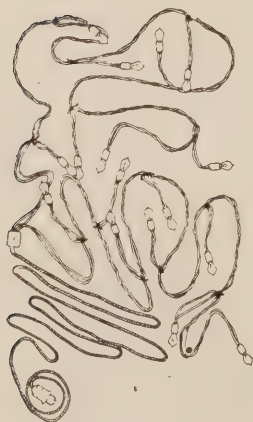
Standard assortment consists of 12 lamps, 1 each of the above, packed in a pasteboard package.

All above lamps have miniature screw bases.

Adapters to fit into candelabra sockets for use with lamps having miniature screw bases can be obtained at a price of 4 cents each.

PLAIN STYLE I LAMPS, No. 9

1 C. P., 8 in series, 100-120 volts..... 12
Packed 12 lamps in a box. Dipped colors, 4 cents each, extra.



Decorative Outfit

DECORATIVE OUTFITS

Trade No.	No. of Festoons	No. of Sockets	Price Each
067515	1	8	\$3.00
067516	2	16	4.50
067517	3	24	6.00
067518	4	32	7.50
067519	Extra festoons.....		1.80

Above prices do not include lamps.

Lamps for use with the above festoons are listed on this and the following page.

The festoons are made of miniature sockets connected in series by silk lamp cord. They are furnished complete with attachment plug ready to connect to lamp socket.

MINIATURE DECORATIVE INCANDESCENT LAMPS

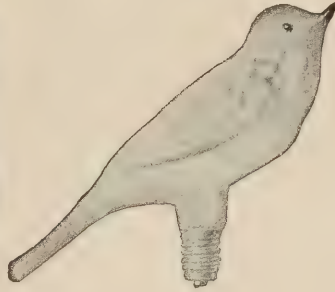
1 CANDLE POWER—14 VOLTS, AND 100 TO 130 VOLTS MULTIPLE



Snow Man



Santa Claus



Canary



Owl



Dog



Clown

ANIMAL LAMPS

In Colors

Trade No.	Style	PRICE, EACH	
		14 Volts	100-130 Volts Multiple
067492	Snow Man	\$0.25	\$0.30
067493	Santa Claus	.25	.30
067494	Canary	.30	.36
067495	Owl	.25	.30
067496	Dog	.25	.30
067497	Clown	.25	.30

LARGE FRUIT AND FLOWER LAMPS

In Colors

Trade No.	Style	PRICE, EACH	
		14 Volts	100-130 Volts Multiple
067498	Apple	\$0.22	\$0.25
067499	Orange	.22	.25
067500	Peach	.22	.25
067501	Pear	.22	.25
067502	Lily	.22	.25
067503	Rose	.22	.25
067504	Thistle	.22	.25
059903	Assortment	2.45	2.80

Standard assortment consists of 12 lamps as follows:

2 Apples, 1 Orange, 2 Peaches, 2 Pears, 2 Lilies, 2 Roses, and 1 Thistle.

14-volt lamps have miniature screw bases.

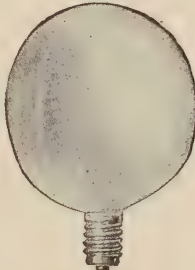
100 to 130-volt lamps are regularly fitted with candelabra screw bases.

Adapters to fit into candelabra sockets for use with lamps having miniature screw bases can be obtained at a list price of 4 cents each.

Additional types of decorative lamps and decorative outfits are listed on the preceding page.



Orange



Peach



Apple



Pear

TURN DOWN LAMPS AND DIM-A-LITES



No. 1



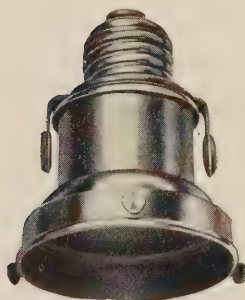
No. 2



No. 6



No. 7

Regular Style
($\frac{1}{2}$ Size)Shade Holder Style
($\frac{1}{2}$ Size)

No. 1 PULL STRING

Trade No.	Candle Power	Voltage	Std. Pkg.	Price Each	Code Word
046199	8- $\frac{1}{2}$	50-130	250	\$0.60	Achja
046200	8- $\frac{1}{2}$	200-250	250	.65	Achjo
046201	16-1	50-130	250	.60	Achke
046202	16-1	200-250	250	.65	Achlo
046203	32-1	50-130	250	.70	Achme
046204	32-1	200-250	250	.75	Achmo

No. 2 TURN BULB

046205	8- $\frac{1}{2}$	50-130	250	.60	Achne
046206	8- $\frac{1}{2}$	200-250	250	.65	Achns
046207	16-1	50-130	250	.60	Achob
046208	16-1	200-250	250	.65	Achok
046209	32-1	50-130	250	.70	Achon
046210	32-1	200-250	250	.75	Achot

No. 6 LONG CORD

046211	8- $\frac{1}{2}$	50-130	250	1.25	Achta
046212	8- $\frac{1}{2}$	200-250	250	1.30	Achuc
046213	16-1	50-130	250	1.25	Achum
046214	16-1	200-250	250	1.30	Achup
046215	32-1	50-130	250	1.35	Achyk
046216	32-1	200-250	250	1.40	Achyl

Standard length of cord three feet. Additional cord 3 cents a foot.

No. 7 PULL STRING HYLO

046217	8- $\frac{1}{2}$	50-130	250	.62	Achym
046218	8- $\frac{1}{2}$	200-250	250	.67	Achyp
046219	16-1	50-130	250	.62	Aciad
046220	16-1	200-250	250	.67	Aciak
046221	32-1	50-130	250	.72	Acibs
046222	32-1	200-250	250	.77	Acibu

TUNGSTEN HYLO

046223	27-1	100-130	...	1.60	Acica
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DIM-A-LITES

Regular Style

Trade No.	Style Finish	Price Each	Code Word
046224	Gun metal	\$1.00	Alryg
046225	Brush brass	1.25	Alrym
046226	Antique copper	1.25	Alryx

Shade Holder Style

013950	Brush brass	1.50	Alsac
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Any finish can be furnished to order.

A portable attachment for dimming a single incandescent lamp, which is approved by the Underwriters' National Electrical Association.

Four changes can be made, "Full," "Dim," "Very Low," "Out." The key can be left turned on in the socket, as the Dim-a-Lite is a perfect switch. Can be used with any lamp, from 8 to 16 candle power. Higher candle power to order. Cord can be any length.

MOTORLESS FLASHERS



Skedoodle Plug

SKEDOODLE SOCKET PLUGS

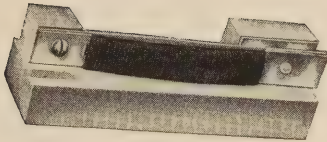
For Direct or Alternating Current

These plugs fit any ordinary sockets and standard lamps. They flash the lamps on and off automatically from 15 to 20 times per minute.

They are used extensively for many varied electrical decorative effects as well as for show windows and signs.

The hole in the cap is to reach the adjustment screw for changing the flash. The two bimetallic thermostats compensate for the change of temperature. The adjustment screw is gripped and cannot be affected by vibration. The contacts are platinum iridium and very durable.

Approved by National Board of Fire Underwriters.

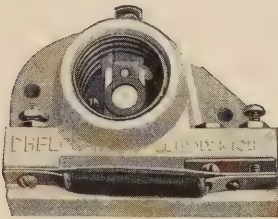


Surewink Flasher

Trade No.	Mfrs. No.	C. P.	Volts	Dimen. Inches	Net Wt. Ounces	Price Each
084556	160	2	100-125	2x1 $\frac{1}{8}$	1	\$0.75
084557	133	4	100-125	2x1 $\frac{1}{8}$	1	.75
084558	134	8	100-125	2x1 $\frac{1}{8}$	1	.75
084559	135	16	100-125	2x1 $\frac{1}{8}$	1	.75
084560	136	16	200-250	2x1 $\frac{1}{8}$	1	.90
084561	161	32	100-125	2x1 $\frac{1}{8}$	1	.90

SUREWINK FLASHERS

These little flashers will operate an 8 or 16 candle power lamp, direct or alternating current. They have a large range of adjustment. Platinum contacts. Used extensively for advertising signs and show window displays.



Surewink Sign Receptacle

Trade No.	Mfrs. No.	Amps.	Watts	Volts	Diam. Inches	Net Wt. Ounces	Price Each
084562	129	$\frac{1}{2}$	55	110	1x3 $\frac{1}{8}$ x1	3	\$0.75
084563	130	$\frac{1}{4}$	55	220	1x3 $\frac{1}{8}$ x1	3	.90

SUREWINK SIGN RECEPTACLES

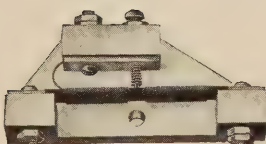
This fitting is a combination flasher and sign receptacle. Saves time in connecting and is less expensive than a flasher and socket installed separately. Only one connection is necessary. The flasher is identically the same as the Surewink shown above.

084564	131	$\frac{1}{2}$	55	110	3 $\frac{1}{8}$ x2 $\frac{1}{8}$ x1 $\frac{3}{8}$	5 $\frac{1}{2}$	.90
084565	132	$\frac{1}{4}$	55	220	3 $\frac{1}{8}$ x2 $\frac{1}{8}$ x1 $\frac{3}{8}$	5 $\frac{1}{2}$	1.05

BABY TYPE A FLASHERS

These flashers are designed especially for one-lamp advertising signs and display novelties. Both ends of the monometallic thermostat are securely bolted so as to prohibit the possibility of vibration or variation of the adjustment.

Wattage given is based on 110 volts.

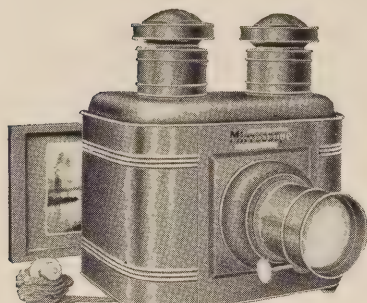


Baby Type A Flasher

084566	170	$\frac{1}{2}$	55	100-125	2 $\frac{5}{8}$ x1x $\frac{3}{4}$	1 $\frac{1}{2}$.90
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ELECTRIC MIRROSCOPES

For Projecting Op que Subjects



No. 97

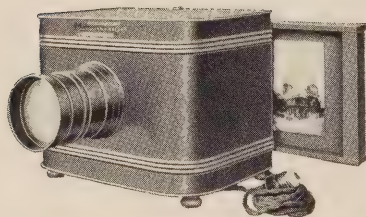
No. 97

The parts, body and mountings, are all die formed and machine made, some being drawn from solid steel or brass, others crushed or curled together. No solder or unsightly screws or bolts used. Finish is beautifully oxidized copper with lens mounting heavily nickeled.

Equipped with two 3½-inch plano convex lenses of finest selected quality pure white flint glass, imported material, mounted in drawn tube, heavily nickel-plated, with rack and pinion adjustment for focusing. Fitted with two high efficiency Mazda Lamps with large genuine parabolic heavily silvered brass reflectors. Reflectors are instantly adjustable to fit any sized lamps.

The Mirroscope is fitted with open air chamber almost throughout entire machine. The top is entirely made up of two parts. Openings in bottom of instrument force in cool air, which is conveyed up and carried off through the chimneys. These chimneys are double and draw heat direct from lamps and from upper air chamber. The apparatus does not get hot. Cards do not burn or scorch.

Equipped with double dropping door card carrier, which permits the insertion of the card while another card or subject is in the instrument being reflected on the screen. Accepts various sized subjects.

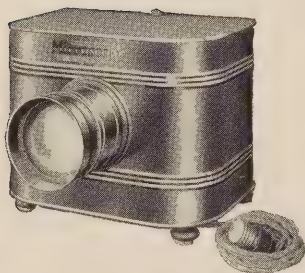


No. 101

Trade No.	SIZE, INCHES			WT., LBS., PACKED		Price Each
	Depth	Width	Height	Each	One Dozen	
084047	16	14	10½	15	205	\$15.00

No. 101

Same construction as No. 97, except that this machine is not fitted with chimneys. The use of special Mirroscope high efficiency lamps reduces the heat to a minimum, requiring no chimneys or other means of ventilation except the card carrier ventilation. Standard receptacles, 12 feet of lamp cord and attachment plug.



No. 105

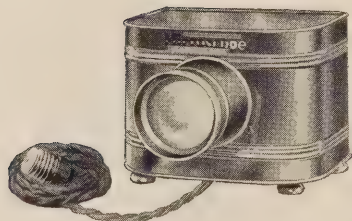
084048	14	13¾	10½	8¾	130	10.00
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No. 105

Good quality steel throughout. Parts are die formed and machine made, and are crushed or curled together. Finished in oxidized copper. Gun metal heavily plated tube with stationary diaphragm and two plano convex lenses ground from imported material. Two special high efficiency lamps, standard receptacles, with 8 feet of lamp cord and attachment plugs. Two concave brass reflectors, nickel-plated. Duplex folding door with open air cooling chamber.

084049	12	12	10	6¼	105	5.00
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No. 209



No. 209

Made of a good grade of steel and constructed in the same manner as the higher priced machines. Fitted with a 3-inch diameter double convex lens and two good quality high candle power carbon filament lamps, standard receptacles, 6 feet of lamp cord, and attachment plug and two reflectors of good quality.

084050	12	10	9	6	170	2.50
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Above Mirrosopes can also be furnished to operate with gas or acetylene. Prices quoted on application.

IMPERIAL MULTIPLE ENCLOSED ARC LAMPS

With 12-inch Alabaster
Outer Globe

FOR DIRECT CURRENT, 100 to 125 VOLTS

Trade No.	Mfrs. No.	Amperes	Finish	Price Each
084468	10130	5	Black enamel	\$28.00
084469	10126	5	Plain brass	30.00
084470	10131	5	Oxidized copper	30.00
084471	10124	3	Black enamel	28.00
084472	10120	3	Plain brass	30.00
084473	10125	3	Oxidized copper	30.00

FOR DIRECT CURRENT, 200 to 250 VOLTS

084474	10142	3	Black enamel	29.00
084475	10138	3	Plain brass	31.00
084476	10143	3	Oxidized copper	31.00

FOR ALTERNATING CURRENT, 100 to 115
VOLTS, 420 WATTS

084477	10104	6	Black enamel	32.00
084478	10100	6	Plain brass	33.00
084479	10105	6	Oxidized copper	33.00

Above prices include one inner and one outer globe, or one 17-inch opalescent reflector. If desired, an enameled metal reflector, 21½ inches in diameter, will be furnished instead of globe, at same price.

In ordering, be sure to state voltage and, when alternating current is used, give cycles or frequency.

Inner globes in clear or opalescent glass are furnished, and either clear or opalescent outer globes, or opalescent or steel enameled shades.

CARBONS

Trade No.	Description	Size Inches	Price per 100
084480	For direct current lamps, solid	½x12	\$6.00
084481	For alternating current lamps, solid	½x9½	5.00
084482	For alternating current lamps, cored	½x9½	5.50

GLASSWARE

Outer Globes and Reflectors

Trade No.	Description	Size Inches	Price Each
084483	Clear outer globes	12	\$1.50
084484	Alabaster outer globes	12	2.00
084485	Opalescent porcelain reflectors	17	1.50
084486	Enameled metal reflectors	21½	2.50

Inner Globes

Trade No.	Mfrs. No.	Description	Price per Dozen
084487	8	Clear	\$4.00
084488	8	Opalescent	4.70

With 17-inch Porcelain
Reflector

REGENERATIVE FLAME LAMPS

Direct Current Multiple
 Alternating Current Multiple
 Direct Current Multiple Series
 Direct Constant Current Series
 Alternating Constant Current Series.



In quality and originality the Regenerative Flame Lamp stands in a class by itself. It was the first and only practical enclosed flame lamp and the first long-life flame lamp to be placed on the market. It is fitted with two globes, the inner globe enclosing the arc and the outer globe serving as a diffusing medium and protection to the inner.

The inner globe cap or top contains an opening which communicates with two aluminum side tubes, thus allowing a free circulation of the gases in the globe, through the side tubes to the bottom of the inner globe, and again upward through the arc and inner globe.

The chemicals carried in suspension by the gases are re-introduced into the arc, thereby acting regeneratively. This action intensifies the light and gives rise to the name "Regenerative."

Mechanical Simplicity.

In construction the A-B Regenerative Flame Lamp is simplicity personified. It contains no delicate adjustments, and does not depend upon clockwork mechanisms or other complications for its operation. The operating mechanism is essentially that of the A-B enclosed arc, with the addition of the regenerative feature previously described.

The fact that the lamp contains no more than one-third of the parts used in other flame lamps immediately appeals to the critical purchaser. Furthermore, the fact that the Regenerative Flame Lamp is an American product, made exclusively in an American factory, appeals strongly to the purchaser who is interested in maintaining continuous operation, by being able to secure repair parts on short notice.

Carbons and Carbon Life

The perfection of carbons for this lamp is the result of exhaustive research to discover the proper elements that would give the desired results with the regenerative scheme.

With standard adjustment and under normal operation the carbons have a minimum life of 70 hours, and many tests show that the life ranges from 70 to 150 hours, with one trim of carbons.

The regenerative feature compels the entire consumption of all combustible elements contained in the electrodes, and the rapid circulation of the gases through the globe, thus preventing any coating or deposit on the inner globe. The lamp is just as efficient at the end of a run as when it started. It works without waste.

Trimming

The inner globe and lower carbon are removed together, by one turn of a screw. Only one pair of carbons is used per trim, and there are no rods or moving parts to clean. The outer globe remains in position, never requiring removal, which reduces the chance for breaking to a minimum. It is not necessary to open the case for trimming.

The slight deposit from the carbons is collected in the side tubes of the lamp, which are quickly and easily cleaned, by means of the special brush supplied with each lamp, or order, for this purpose.

Efficiency

The A-B Regenerative Flame Lamp is the most efficient, practical, artificial illuminant in existence. Not only does it represent an efficient light source, but the fact that the electrodes burn vertically insures an ideal distribution of light. With standard reflector, maximum intensity of illumination is 20 degrees to 25 degrees below the horizontal, from which it is evident that this lamp lights the largest possible area, and eliminates the objectionable feature of an intensely bright spot immediately beneath the lamp, common to all converging carbon flame lamps.

Adaptation

For lighting large areas and the general illumination of foundries, mills and industrial plants of all kinds, the flame lamp is now accepted as the standard illuminant. The light produced by the common carbon arc radiates principally from the carbon tips, and being very small, is extremely brilliant and dazzling, the blue or violet color giving a cold, harsh effect, while with the flame lamp the introduction of various chemicals into the carbons which are vaporized by the heat of the arc, produces a flame of the highest luminous efficiency. This light has the property of penetrating smoke, fog, dust or steam in much the same manner as sunlight. This feature alone makes its installation in railroad yards and mills highly advantageous.

Voltages, engineering details and prices furnished upon application.

"ELECTRA" CARBONS

WHITE LABEL, FOR DIRECT CURRENT OPEN ARC LAMPS.

Soft Cored Uppers.									
Trade No.	Diam., Ins.	Length, Ins.	Price Per 1000.	Code Word.	Trade No.	Diam., Ins.	Length, Ins.	Price Per 1000.	Code Word.
08693	$\frac{5}{8}$	6	\$44.00	Jadyg	08754	$\frac{1}{2}$	10	\$55.00	Jotpi
08694	$\frac{7}{16}$	$7\frac{1}{2}$	40.00	Jefyg	08755	$\frac{9}{16}$	10	56.20	Jivpi
08695	$\frac{1}{2}$	$7\frac{1}{2}$	44.00	Jogyg	08756	$\frac{5}{8}$	10	65.60	Junsi
08696	$\frac{9}{16}$	$7\frac{1}{2}$	46.00	Jbryg	08757	$\frac{11}{16}$	10	76.20	Jarvi
08697	$\frac{5}{8}$	$7\frac{1}{2}$	55.20	Jugah	08758	$\frac{13}{16}$	10	87.80	Jimwi
08698	$\frac{11}{16}$	$7\frac{1}{2}$	60.00	Jilah	08759	$\frac{7}{16}$	12	54.00	Jwixi
08699	$\frac{11}{16}$	8	66.60	Janah	08760	$\frac{1}{2}$	12	59.20	Jauxi
08700	$\frac{13}{16}$	8	74.00	Jetah	08761	$\frac{9}{16}$	12	61.60	Julaj
08701	$\frac{7}{16}$	10	49.50	Jouah	08762	$\frac{5}{8}$	12	73.00	Jinaj
Solid Lowers.									
08702	$\frac{5}{16}$	6	26.00	Juxeh	08763	$\frac{5}{8}$	$7\frac{1}{2}$	49.00	Jopaj
08703	$\frac{3}{8}$	6	29.20	Jbigh	08764	$\frac{5}{16}$	$9\frac{1}{2}$	40.00	Jataj
08704	$\frac{7}{16}$	6	30.00	Jaugh	08765	$\frac{3}{8}$	$9\frac{1}{2}$	44.00	Jelej
08705	$\frac{1}{8}$	6	33.00	Jujoh	08766	$\frac{7}{16}$	$9\frac{1}{2}$	46.20	Jokoj
08706	$\frac{7}{16}$	7	32.00	Jowoh	08767	$\frac{1}{2}$	$9\frac{1}{2}$	50.40	Jiloj
08707	$\frac{1}{2}$	7	36.00	Jixoh	08768	$\frac{13}{16}$	10	50.40	Jonuj
08708	$\frac{9}{16}$	7	42.00	Jeaph	08769	$\frac{1}{2}$	10	52.40	Jbiak
08709	$\frac{5}{8}$	7	48.00	Jdeph	08770	$\frac{5}{16}$	12	40.00	Jonak
08710	$\frac{5}{16}$	$7\frac{1}{2}$	34.00	Jbuph	08771	$\frac{7}{16}$	12	53.60	Jwuak
08711	$\frac{3}{8}$	$7\frac{1}{2}$	37.00	Jbash	08772	$\frac{1}{2}$	12	56.40	Javak
08712	$\frac{7}{16}$	$7\frac{1}{2}$	37.50	Jwesh	08773	$\frac{9}{16}$	12	59.00	Jiwak
08713	$\frac{1}{2}$	$7\frac{1}{2}$	40.00	Jiath	08774	$\frac{5}{8}$	12	71.00	Jiack

PINK LABEL, FOR A. C. OPEN ARC LAMPS.

For D. C. or A. C. Stage Lighting and Photo-Engraving Lamps and Moving Picture Machines.

Soft Cored Uppers									
08714	$\frac{1}{2}$	6	49.00	Jbeth	08775	$\frac{1}{2}$	$9\frac{1}{2}$	63.50	Jayck
08715	$\frac{9}{16}$	6	51.00	Jdith	08776	$\frac{5}{16}$	$9\frac{1}{2}$	66.00	Jwaek
08716	$\frac{3}{8}$	6	53.00	Jelth	08777	$\frac{13}{32}$	$9\frac{1}{2}$	71.50	Jytek
08717	$\frac{5}{8}$	6	55.00	Jwuth	08778	$\frac{5}{8}$	$9\frac{1}{2}$	80.00	Jogek
08718	$\frac{1}{2}$	7	51.60	Jaguh	08779	$\frac{1}{2}$	10	66.00	Jilek
08719	$\frac{9}{16}$	7	55.50	Jomuh	08780	$\frac{9}{16}$	10	70.00	Jamek
08720	$\frac{13}{16}$	7	57.60	Jenuh	08781	$\frac{13}{16}$	10	77.00	Jboek
08721	$\frac{5}{8}$	7	61.40	Jwruh	08782	$\frac{5}{8}$	10	85.50	Jdaik
08722	$\frac{1}{2}$	$7\frac{1}{2}$	52.00	Jituh	08783	$\frac{1}{2}$	12	76.00	Jibik
08723	$\frac{9}{16}$	$7\frac{1}{2}$	58.00	Jodbi	08784	$\frac{9}{16}$	12	84.00	Jacik
08724	$\frac{13}{16}$	$7\frac{1}{2}$	62.80	Jughi	08785	$\frac{13}{16}$	12	92.00	Jodik
08725	$\frac{5}{8}$	$7\frac{1}{2}$	64.00	Jejbi	08786	$\frac{5}{8}$	12	100.00	Jujik
Solid Lowers.									
08726	$\frac{1}{2}$	6	40.00	Jakbi	08787	$\frac{1}{2}$	$9\frac{1}{2}$	60.00	Jewik
08727	$\frac{9}{16}$	6	45.00	Jylbi	08788	$\frac{9}{16}$	$9\frac{1}{2}$	62.50	Jdilk
08728	$\frac{13}{16}$	6	46.00	Jinbi	08789	$\frac{13}{16}$	$9\frac{1}{2}$	67.00	Jiulk
08729	$\frac{5}{8}$	6	47.00	Jdubi	08790	$\frac{5}{8}$	$9\frac{1}{2}$	76.00	Jbenk
08730	$\frac{1}{2}$	7	46.00	Jwafi	08791	$\frac{1}{2}$	10	62.50	Jwink
08731	$\frac{9}{16}$	7	49.50	Jonfi	08792	$\frac{9}{16}$	10	66.80	Jdunk
08732	$\frac{13}{16}$	7	51.00	Jobgi	08793	$\frac{13}{16}$	10	71.00	Jebok
08733	$\frac{5}{8}$	7	53.00	Juhgi	08794	$\frac{5}{8}$	10	80.00	Jugok
08734	$\frac{1}{2}$	$7\frac{1}{2}$	46.50	Jipgi	08795	$\frac{1}{2}$	12	74.00	Jahok
08735	$\frac{9}{16}$	$7\frac{1}{2}$	52.00	Jatgi	08796	$\frac{9}{16}$	12	80.00	Jojob
08736	$\frac{13}{16}$	$7\frac{1}{2}$	55.00	Jbugi	08797	$\frac{13}{16}$	12	88.50	Jomok
08737	$\frac{5}{8}$	$7\frac{1}{2}$	57.00	Juphi	08798	$\frac{5}{8}$	12	95.00	Jwook

BLUE LABEL, FOR LONG BURNING, ENCLOSED ARC LAMPS.

Soft Cored									
08749	$\frac{5}{8}$	12	106.40	Jilji	08807	$\frac{7}{16}$	12	68.00	Jumuk
08750	$\frac{1}{2}$	12	78.00	Jesji	08808	$\frac{7}{16}$	$9\frac{1}{2}$	58.40	Judyk
08751	$\frac{1}{2}$	10	72.60	Jecki	08809	$\frac{3}{8}$	12	62.00	Jygyk
08752	$\frac{1}{2}$	$9\frac{1}{2}$	68.40	Jedki	08810	$\frac{3}{8}$	$9\frac{1}{2}$	56.60	Jwhyk
08753	$\frac{1}{2}$	8	59.00	Jolki					
Solid									
08738	$\frac{5}{8}$	12	100.00	Jamki	08799	$\frac{7}{16}$	12	62.80	Jbrok
08739	$\frac{9}{16}$	12	90.00	Jwoki	08800	$\frac{7}{16}$	10	57.00	Jytok
08740	$\frac{1}{2}$	12	75.80	Jitki	08801	$\frac{7}{16}$	$9\frac{1}{2}$	55.50	Jdork
08741	$\frac{1}{2}$	10	69.00	Jevki	08802	$\frac{3}{8}$	12	59.00	Jansk
08745	$\frac{1}{2}$	$9\frac{1}{2}$	65.00	Juani	08803	$\frac{3}{8}$	10	55.00	Jwysk
08746	$\frac{1}{2}$	8	56.00	Jigni	08804	$\frac{3}{8}$	$9\frac{1}{2}$	54.00	Jyauk
08747	$\frac{1}{2}$	6	41.00	Jomni	08805	$\frac{3}{8}$	6	30.00	Jabuk
08748	$\frac{1}{2}$	5	33.50	Jepni	08806	$\frac{5}{16}$	8	45.50	Jejuk

COLUMBIA CARBONS

FOR DIRECT AND ALTERNATING CURRENT ENCLOSED ARCS

Solid

Trade No.	Dimen. Ins.	Price per 1000	Code Word	Trade No.	Dimen. Ins.	Price per 1000	Code Word
041620	$1\frac{1}{2}$ x12	\$60.00	Ahdge	041661	$\frac{7}{16}$ x 6	\$25.00	Aheke
041621	$1\frac{1}{2}$ x10	50.00	Ahdib	041662	$\frac{7}{16}$ x $4\frac{3}{4}$	20.00	Ahekp
041622	$1\frac{1}{2}$ x $9\frac{1}{2}$	48.00	Ahdig	041663	$\frac{3}{8}$ x12	47.00	Aheks
041623	$1\frac{1}{2}$ x 8	40.00	Ahdik	041664	$\frac{3}{8}$ x10	40.00	Aheld
041624	$1\frac{1}{2}$ x 7	35.00	Ahdit	041665	$\frac{3}{8}$ x $9\frac{1}{2}$	38.00	Ahelg
041625	$1\frac{1}{2}$ x 6	30.00	Ahdju	041666	$\frac{3}{8}$ x $8\frac{1}{2}$	34.00	Ahelt
041626	$1\frac{1}{2}$ x $5\frac{1}{2}$	27.50	Ahdmo	041667	$\frac{3}{8}$ x 6	23.50	Aheln
041627	$1\frac{1}{2}$ x 5	25.00	Ahdoc	041668	$\frac{3}{8}$ x $4\frac{1}{2}$	18.00	Ahemp
041628	$1\frac{1}{2}$ x $4\frac{3}{4}$	24.00	Ahdod	041669	$\frac{5}{16}$ x12	45.00	Ahemu
041629	$\frac{7}{16}$ x12	50.00	Ahdof	041670	$\frac{5}{16}$ x $9\frac{1}{2}$	36.00	Ahenc
041630	$\frac{7}{16}$ x10	42.00	Ahdog	041671	$\frac{5}{16}$ x 8	31.00	Ahend
041631	$\frac{7}{16}$ x $9\frac{1}{2}$	40.00	Ahdos				

Cored

041632	$1\frac{1}{2}$ x12	63.00	Ahdpa	041672	$\frac{7}{16}$ x $9\frac{1}{2}$	43.00	Ahank
041633	$1\frac{1}{2}$ x10	53.00	Ahdpi	041673	$\frac{3}{8}$ x12	50.00	Aheob
041634	$1\frac{1}{2}$ x $9\frac{1}{2}$	51.00	Ahdpu	041674	$\frac{3}{8}$ x10	43.00	Aheof
041635	$\frac{7}{16}$ x12	53.00	Ahdro	041675	$\frac{3}{8}$ x $9\frac{1}{2}$	41.00	Aheon
041636	$\frac{7}{16}$ x10	45.00	Ahdru	041676	$\frac{5}{16}$ x12	48.00	Aheph

SILVERTIP FLAME LIGHT CARBONS

Yellow Light, Direct Current

Trade No.	Dimen. MM.		Price per 100	Code Word	Trade No.	Dimen. MM.		Price per 100	Code Word
041637	9x400	Positive	\$12.50	Ahdst	041677	9x500	Negative	\$13.00	Ahepo
041638	8x400	Negative	7.50	Ahdub	041678	10x600	Positive	19.50	Ahept
041639	9x600	Positive	18.50	Ahduf	041679	9x600	Negative	12.50	Ahesh
041640	8x600	Negative	11.50	Ahdup	041680	10x650	Positive	21.00	Aheth
041641	10x325	Positive	11.00	Ahdur	041681	9x650	Negative	14.00	Aheuf
041642	9x325	Negative	6.00	Ahdux	041682	11x400	Positive	14.50	Aheul
041643	10x400	Positive	13.50	Ahdva	041683	10x400	Negative	9.50	Aheum
041644	9x400	Negative	8.50	Ahdyb	041684	11x600	Positive	20.50	Aheur
041645	10x500	Positive	17.00	Ahdyg	041685	10x600	Negative	13.50	Ahfab

Alternating Current

041646	8x400	10.00	Aheam	041686	9x650	17.00	Ahfba
041647	8x600	15.00	Aheba	041687	10x400	11.50	Ahfbe
041648	8x650	16.00	Ahebe	041688	10x500	14.00	Ahfbo
041649	9x400	10.50	Ahebs	041689	10x600	16.50	Ahfbu
041650	9x600	15.50	Ahebt				

PROJECTOR CARBONS FOR MOTION PICTURE MACHINES

Solid

Trade No.	Dimen. Ins.	Price per 1000	Code Word	Trade No.	Dimen. Ins.	Price per 1000	Code Word
041651	$\frac{7}{16}$ x12	\$36.00	Ahefa	041690	$\frac{9}{16}$ x $7\frac{1}{2}$	\$30.00	Ahfcu
041652	$\frac{7}{16}$ x $7\frac{1}{2}$	26.00	Ahefe	041691	$\frac{5}{8}$ x12	52.00	Ahfda
041653	$\frac{1}{2}$ x12	40.00	Ahefs	041692	$\frac{5}{8}$ x $7\frac{1}{2}$	34.00	Ahfde
041654	$\frac{1}{2}$ x $7\frac{1}{2}$	28.00	Aheft	041693	$\frac{5}{8}$ x 7	32.00	Ahfeb
041655	$\frac{9}{16}$ x12	43.00	Ahega	041694	$\frac{5}{8}$ x 6	30.00	Ahfek

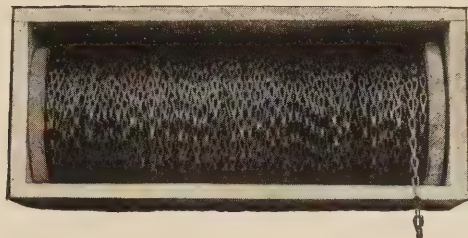
Cored

041656	$\frac{7}{16}$ x12	40.00	Ahego	041695	$\frac{9}{16}$ x $7\frac{1}{2}$	33.00	Ahfel
041657	$\frac{7}{16}$ x $7\frac{1}{2}$	29.00	Ahegu	041696	$\frac{5}{8}$ x12	56.00	Ahfem
041658	$\frac{1}{2}$ x12	44.00	Ahehn	041697	$\frac{5}{8}$ x $7\frac{1}{2}$	39.00	Ahfft
041659	$\frac{1}{2}$ x $7\frac{1}{2}$	31.00	Aheig	041698	$\frac{5}{8}$ x 7	37.00	Ahfge
041660	$\frac{9}{16}$ x12	46.00	Ahejo	041699	$\frac{5}{8}$ x 6	34.00	Ahfgo

Special sizes can be furnished if so ordered.

ARC LAMP CHAIN AND CORDAGE

ONEIDA GALVANIZED CHAIN



Trade No.	Mfrs. No.		Price per 100 Feet	Code Word
044665	1	For suspending arc lamps.....	\$2.10	Akagm
044666	5	For suspending incandescent lamps.....	1.80	Akago

Galvanized Attachments

Trade No.	Mfrs. No.		Price per 1000	Code Word
044667	1	Lamp hooks.....	\$10.00	Akags
044668	5	Lamp hooks.....	6.50	Akahm
044669	1	Rings.....	20.00	Akahr
044670	5	Rings.....	10.00	Akaht
044671	No. 1	Connecting links per 1000 sets.....	6.50	Akahu
044672	No. 5	Connecting links per 1000 sets.....	2.60	Akaif

Oneida galvanized chain can be used with any mast-arm. Packed on enclosed reels of 500 or 1000 feet.

GALVANIZED ARC LAMP CORDAGE



Trade No.	Diameter Inches	Weight per Foot, Lbs.	Approx. Breaking Stress in Lbs.	Construction	Price per 100 Ft.	Code Word
044673	1/2	335	4750	9x7	\$7.00	Akaik
044674	7/16	245	3400	9x7	6.00	Akain
044675	3/8	163	2000	9x7	5.00	Akaix
044676	5/16	107	1530	9x4	3.50	Akaja
044677	1/4	77	1125	9x4	2.75	Akaje

SAMSON SPOT CORD



Trade No.	Size No.	Diameter Inches	Approx. Lbs. to 1000 Feet	Price per Pound	Code Word
044678	8	1/4	23	\$0.50	Akaka
044679	9	3/32	29	.50	Akako
044680	10	5/16	37	.50	Akakt
044681	12	3/8	55	.50	Akala
044682	14	7/16	70	.50	Akalb
044683	16	1/2	90	.50	Akald

For use in the raising and lowering of arc lamps. Sizes, Nos. 12, 14, or 16. Also used for trolley rope. Sizes, Nos. 9, 10, or 12.

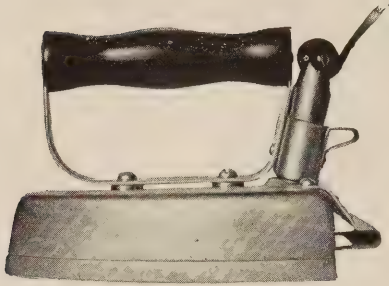
Furnished with or without waterproof finish. Waterproof finish furnished regularly unless otherwise specified. Put up in coils of about 1200 feet each.

BANNER CORE ROPE

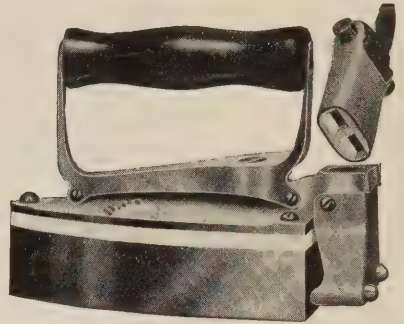


Trade No.	Diameter Inches	Feet to Pound	Price per Pound	Code Word
044684	3/16	48	\$0.36	Akale
044685	1/4	40	.36	Akaln
044686	5/16	32	.36	Akals
044687	3/8	20	.36	Akamb
044688	1/2	12 1/2	.36	Akame

HOT POINT IRONS



Model H



Model E

STANDARD OR MODEL H

Trade No.	Watts	Size Inches	Weight Pounds	Price Each	Code Word
021712	330	2 $\frac{3}{4}$ x 5 $\frac{3}{4}$	3	\$5.00	Hdex
021713	500	3 $\frac{3}{8}$ x 6 $\frac{1}{4}$	5	5.00	Hdfa
021714	575	4 x 6 $\frac{5}{8}$	6	5.00	Hdfe
021719	700	7 x 4 $\frac{1}{2}$	7 $\frac{1}{2}$	6.00	Hdur
021720	750	7 x 4 $\frac{1}{2}$	8 $\frac{1}{2}$	6.50	Hdux

The Standard Model Irons are easy to take apart; highly finished. An iron for hard usage. Equipped with 8 feet extra flexible asbestos-covered cord, attachment plug, and switch plug.

AUTOMATIC OR MODEL E

Trade No.	Watts	Size Inches	Weight Pounds	Price Each	Code Word
021715	550	4 x 6	6	6.00	Hdit
021716	700	4 $\frac{1}{4}$ x 6 $\frac{3}{4}$	7 $\frac{1}{2}$	7.00	Hdub
021717	750	4 $\frac{1}{2}$ x 7	8 $\frac{1}{2}$	7.50	Hdud
021718	800	4 $\frac{3}{4}$ x 7 $\frac{3}{8}$	10	8.00	Hdup

The Automatic Model E has the attachment which shuts off the current before the iron reaches a dangerous temperature. Automatic Iron heavier than 6 pounds are laundry irons.

LAUNDRY IRONS

Hot Point V-shaped Laundry Irons are equipped with 8 feet extra heavy asbestos covered cord. Two steel clad switch plug and suspension spring.

The Hot Point Electric Iron is distinguished by the following features:

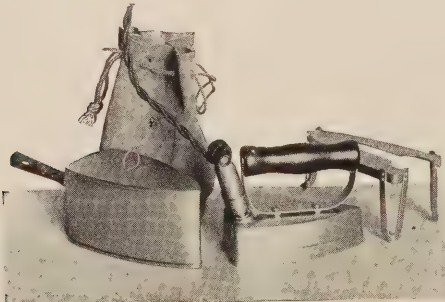
Cool Handle — The handle never gets hot under any condition of service. The heat is confined to the bottom of the iron by a heavy asbestos pad.

Hot Point — Two wire wound, mica cores extending along the sides of the iron, coming together at the point, developing the famous Hot Point.

Attached Stand — The stand is attached to the back of the iron. The iron is never lifted, but tipped upon end when not in use.

Heat Reservoir — The asbestos mat and pressure plate hold the heat of the element to the working surface of the iron, furnishing a heat reservoir unequalled.

Guarantee — If any part of a Hot Point Iron proves defective within five years, mail defective part to the factory and new part will be furnished free.



Model F

UTILITY MODEL F

Trade No.	Watts	Size Inches	Weight Pound	Price Each	Code Word
028500	330	2 $\frac{3}{4}$ x 5 $\frac{1}{2}$	3	\$6.00	Kxta

An entirely new model. Cooks, curls and boils. The iron, dish, stand, 8 feet of cord and two plugs pack in an ooze leather bag 6 x 4 inches and weigh but 3 $\frac{3}{4}$ pounds. Ideal for traveling or use in bedroom. Has cool handle.

HOT POINT IRONS

POLISHING IRONS

These irons are made for special service in hand laundries, and are equipped the same as the regular V shape laundry iron described on previous page.

The automatic device is not installed in the polishing irons.



Diamond Face

Trade No.	Watts	Diamond Face		Weight Pounds	Price Each
		Size Inches			
021699	400	$2\frac{3}{8} \times 4\frac{1}{2}$		4	\$6.50
021700	500	$2\frac{3}{4} \times 5$		5	7.00
Morocco Face					
021701	600	$3\frac{1}{2} \times 5\frac{1}{4}$		6	7.00
021702	700	$3\frac{1}{2} \times 5\frac{1}{4}$		7	7.50

The above prices are for the standard model.

JUMBO IRONS

These irons are designed especially for large flat work in hand laundries. They are made in the V shape, with two heavy brass cores, but internally they are built like the tailor's goose, in order to get the heat where it is wanted.

The Jumbo Irons have an extension handle in front to guide them by in addition to the regulation handle, which is very long and heavy. They have attached stand at rear and can be tipped up on the board. We also furnish a roller stand for these irons.

Jumbo Irons are built with single heat or three heats. The three-heat iron gives the operator complete control of the temperature merely by shifting the position of the plug.

021703	1500	7 x 11	25	22.00
021704	1600	$7\frac{1}{2} \times 12$	30	23.00

Above prices are for single-heat; for three-heat irons, add \$2.00. Stand and board are included. Without board, deduct \$2.00. Without board and stand, deduct \$3.50.



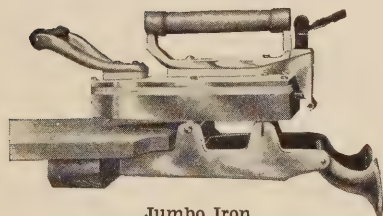
Morocco Face

TAILORS' IRONS

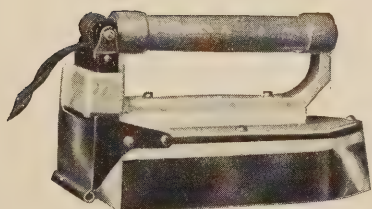
This iron is built in the regulation goose shape with a sharp point and parallel sides. There are two heavy heating elements imbedded in the bottom of the iron, which gives heavy, steady heat and the maximum economy and efficiency.

We furnish these irons in either single-heat or three-heat. The three-heat iron gives the operator complete control of the heat. There is no outside switch or device of any kind. The heat control is obtained simply by changing the position of the plug in the rear of the iron. For instance: When the plug is clear in you have full heat; withdraw the plug half way and you have one half heat. Turn the plug around and insert half way and you have quarter heat; pull the plug out entirely and the current is cut off. These irons will never get too hot to be used comfortably all day. Furnished with 8 feet of extra heavy asbestos covered cord, one switch plug and extension spring to keep the cord out of the way of the operator.

The automatic device is not installed in the tailor's iron.



Jumbo Iron



Tailor's Goose

Single-Heat					
Trade No.	Watts	Size Inches	Weight Pounds	Price Each	
021705	850	3 x $10\frac{1}{4}$	15	\$11.00	
021706	900	$3\frac{1}{4} \times 10\frac{1}{2}$	20	12.00	
021707	1000	4 x 12	25	13.00	
Three-Heat					
021708	850	3 x $10\frac{1}{4}$	15	\$13.00	
021709	900	$3\frac{1}{4} \times 10\frac{1}{2}$	20	14.00	
021710	1000	4 x 12	25	15.00	

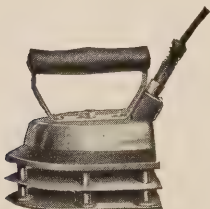
G-E HEATING DEVICES

FLATIRONS — NICKEL PLATED, CALORITE LEAF UNIT

The 3-pound or traveler's iron is suitable for light work only, and because of its small size and low current consumption, is very convenient for travelers' use.

The 5, 6 and 8-pound irons are suitable for domestic laundry work—the 6-pound being most commonly used. Any of these irons may be used on very light work by turning off the current from time to time. The 5-pound size does not take enough current for rapid ironing, and is designed for use where lighting circuits are restricted. The indicating switch plug is a more convenient means of regulating the current than the plain pull-off plug, but the latter is very satisfactory. The permanently connected irons are intended for laundry installations where special wiring and indicating wall switches are provided.

All flatirons are furnished with 8-foot cord and socket attaching plug.



No. 79063



No. 76384

TYPE F-25—TRAVELERS' SIZE

Three-Pound, with Permanent Attachment

Trade No.	Mfrs. No.	Volts	Watts	Price Each	Trade No.	Mfrs. No.	Volts	Watts	Price Each
062798	79063	95-105	250	\$4.75	062824	79066	200-225	250	\$5.50
062799	79064	106-115	250	4.75	062825	79067	226-250	250	5.50
062800	79065	116-125	250	4.75	.....	.....	.....	...	....

TYPE F-14A—FIVE-POUND

With Detachable Plain Plug

062826	76375	95-105	450	4.75
062827	76376	106-115	450	4.75
062828	76377	116-125	450	4.75
062829	77100	200-225	450	5.50
062830	77101	226-250	450	5.50

With Detachable Switch Plug

062836	76378	95-105	450	5.50
062837	76379	106-115	450	5.50
062838	76380	116-125	450	5.50
062839	77104	200-225	450	6.25
062840	77105	226-250	450	6.25

TYPE F-13A—SIX-POUND

With Detachable Plain Plug

062801	76384	95-105	550	5.00
062802	76385	106-115	550	5.00
062803	76386	116-125	550	5.00
062804	77102	200-225	550	5.75
062805	77103	226-250	550	5.75

With Detachable Switch Plug

062811	76387	95-105	550	5.75
062812	76388	106-115	550	5.75
062813	76389	116-125	550	5.75
062814	77106	200-225	550	6.50
062815	77107	226-250	550	6.50

With Permanent Attachment

062806	76390	95-105	550	5.00
062807	76391	106-115	550	5.00
062808	76392	116-125	550	5.00

062809	77110	200-225	550	5.75
062810	77111	226-250	550	5.75
.....

G-E HEATING DEVICES

FLATIRONS—NICKEL PLATED, CALORITE LEAF UNIT



No. 78406



No. 78271

TYPE F-20A — EIGHT-POUND

With Detachable Plain Plug

Trade No.	Mfrs. No.	Volts	Watts	Price Each
062816	78406	95-105	650	\$6.00
062817	78407	106-115	650	6.00
062818	78408	116-125	650	6.00
062819	78409	200-225	650	6.75
062820	78410	226-250	650	6.75

With Detachable Switch Plug

Trade No.	Mfrs. No.	Volts	Watts	Price Each
062841	78411	95-105	650	\$6.75
062842	78412	106-115	650	6.75
062843	78413	116-125	650	6.75
062844	78414	200-225	650	7.50
062845	78415	226-250	650	7.50

With Permanent Attachment

062821	78416	95-105	650	6.00	062846	78419	200-225	650	6.75
062822	78417	106-115	650	6.00	062847	78420	226-250	650	6.75
062823	78418	116-125	650	6.00	.....	.....	.....	...	....

TYPE F-15 — SIX-POUND, WITH AUTOMATIC HANDLE SWITCH

With Permanent Attachment

062848	78271	95-105	550	9.00	062877	78274	200-225	550	10.00
062849	78272	106-115	550	9.00	062878	78275	226-250	550	10.00
062850	78273	116-125	550	9.00	.....	.....	.....	...	....

TYPE F-16 POLISHING—DIAMOND FACE, SIX-POUND

With Detachable Plain Plug

062851	78427	95-105	550	7.25
062852	78428	106-115	550	7.25
062853	78429	116-125	550	7.25
062854	78430	200-225	550	8.00
062855	78431	226-250	550	8.00

With Detachable Switch Plug

062879	78432	95-105	550	8.00
062880	78433	106-115	550	8.00
062881	78434	116-125	550	8.00
062882	78435	200-225	550	8.75
062883	78436	226-250	550	8.75

TYPE F-17 POLISHING — MOROCCO FACE, SIX-POUND

With Detachable Plain Plug

062859	78437	95-105	550	7.25
062860	78438	106-115	550	7.25
062861	78439	116-125	550	7.25
062862	78440	200-225	550	8.00
062863	78441	226-250	550	8.00

With Detachable Switch Plug

062886	78442	95-105	550	8.00
062887	78443	106-115	550	8.00
062888	78444	116-125	550	8.00
062889	78445	200-225	550	8.75
062890	78446	226-250	550	8.75

TYPE F-18 POLISHING — DIAMOND FACE, FOUR AND ONE-HALF POUND

With Detachable Plain Plug

062856	78672	95-105	550	*6.25
062857	78673	106-115	550	*6.25
062858	78674	116-125	550	*6.25

062884	78675	200-225	550	*7.00
062885	78676	226-250	550	*7.00
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TYPE F-21 POLISHING — MOROCCO FACE, FOUR AND ONE-HALF POUND

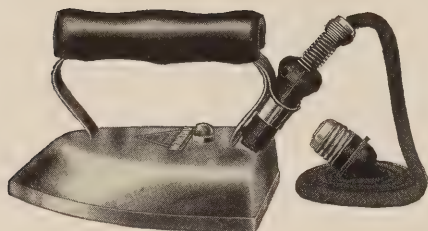
With Detachable Plain Plug

062864	78677	95-105	550	*6.25
062865	78678	106-115	550	*6.25
062866	78679	116-125	550	*6.25

062891	78680	200-225	550	*7.00
062892	78681	226-250	550	*7.00
.....

*These irons equipped with combination indicating switch, \$0.75 additional

AMERICAN ELECTRIC IRONS



Beauty Type



Superior Type

BEAUTY TYPE

Trade No.	Mfrs. No.	Weight Pounds	Size Inches	Shape	Watts Consumed	Price Each	Extra Elements	Code Word
054887	6½	6½	6½x3¾	V	520	\$10.00	\$3.00	Bfneb

SUPERIOR TYPE

054888	6-S	6	6½x4	V	500	8.00	3.00	Bfnei
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Shipping weight—approximate—of these irons, 60 lbs. in case lots of ½ dozen. Single iron 9 lbs.

Voltages—In ordering always specify exact voltage of circuit on which irons are to be used or exact voltage range of irons desired. All our electric irons are made in the following ranges: 95—104, 105—114, 115—125, 190—209, 210—229, 230—250.

The Beauty type iron is one of the most attractive appearing irons imaginable. It is entirely finished in polished nickel. There are no rivets or screws, to act as dirt catchers. In fact the handle supports are electric welded to the upper portion of the iron. This results in greater strength, neatness of design and cleanliness.

Notice at the rear of the iron the plug support. When the detachable plug is pushed on to the iron it is held firmly and securely in place. This support also acts as a guide, making it easy to push the plug into place.

The heating element covers the entire ironing surface, which results in the ironing surface being evenly hot at all points. It is extremely simple to put in or take out this heating element. It is clamped between heavy pressure plate and bottom plate, and only the hands and a wrench are necessary to make any necessary change.

These irons come complete with detachable cord, having lamp socket attachment plug, suspension spring for cord and special heat insulating stand. These irons are packed in case lots of six, each iron in an individual carton.

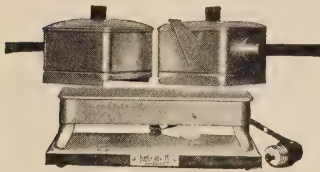
The "Superior" type electric iron is essentially a low price iron of high price quality.

Its weight, shape, balance and design make it suited for general household and laundry work.

It is so constructed that all the heat is concentrated on the bottom surface of the iron. There is plenty of heat and it is evenly distributed, so that the point sides, middle and heel of the iron are at all times equally hot during the process of ironing.

Like the "Beauty" type iron, the point or "nose" of the "Superior" is cut away so that the user can get into small corners—plaits, tucks, etc.—and therefore do the most delicate work on the ironing board.

SIMPLEX HEATING APPLIANCES



No. 1775



No. 1904



No. 1803

TABLE RANGES

Trade No.	Mfrs. No.	Size Inch Stove	Cap. Pints	Cap. Watts	Price Each
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057567 1775 $4\frac{1}{4} \times 9\frac{1}{4}$ 1 each 550 \$15.00

Complete with 6-foot cord, connector and lamp socket attachment plug. This range is arranged for three heats and may be used as a toaster or griddle. The utensils are made of seamless drawn copper, polished nickel plate.

HOUSEHOLD IRONS
With Stand, Cord and Plug

Trade No.	Mfrs. No.	Cap. Watts	Size Inches	Weight Pounds	Price Each
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*These irons have detachable plug at the iron.

LAUNDRY AND FACTORY IRONS

With Automatic Regulator Stand

Trade No.	Mfrs. No.	Cap. Watts	Size Inches	Weight Pounds	Price Each
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The automatic regulator stand reduces the current supply when the iron is resting on the stand, saves in the cost of operation, prevents accidental burning and increases the life of the iron.

TAILORS' IRONS

WITH AUTOMATIC REGULATOR STAND

WITH PLAIN STAND						WITH AUTOMATIC REGULATOR STAND					
Diamond Nose						Diamond Nose					
Trade No.	Mfrs. No.	Cap. Watts	Size Ins.	Wt. Lbs.	Price Each	Trade No.	Mfrs. No.	Cap. Watts	Size Ins.	Wt. Lbs.	Price Each

022716	1801	600	9x2 $\frac{3}{4}$	12	\$8.25	022728	1841	450-600	9x2 $\frac{3}{4}$	12	\$12.50
022717	1802	600	9x2 $\frac{3}{4}$	15	8.75	022729	1842	450-600	9x2 $\frac{3}{4}$	15	13.00
022718	1803	600	9x2 $\frac{3}{4}$	18	9.50	022730	1843	450-600	9x2 $\frac{3}{4}$	18	13.75
022719	1804	770	11x3	20	10.00	022731	1864	575-770	11x3	20	14.25
022720	1808	825	11x3	25	11.00	022732	1868	620-825	11x3	25	15.25
Oval Nose						Oval Nose					
022721	1809	770	11x3 $\frac{1}{2}$	15	9.00	022733	1869	575-770	11x3 $\frac{1}{2}$	15	13.25
022722	1821	825	11x3 $\frac{1}{2}$	20	10.00	022734	1881	620-825	11x3 $\frac{1}{2}$	20	14.25
022723	1822	825	11x3 $\frac{1}{2}$	25	11.00	022735	1882	620-825	11x3 $\frac{1}{2}$	25	15.25
Broad Nose						Broad Nose					
022724	1825	770	8x6	12	8.25	022736	1885	575-770	8x6	12	12.50
022725	1807	770	8x6	15	8.75	022737	1867	575-770	8x6	15	13.00
022726	1826	825	8x6	18	9.50	022738	1886	620-825	8x6	18	13.75
022727	1827	825	8x6	25	11.00	022739	1887	620-825	8x6	25	15.25

AUTOMATIC SIGNALING DEVICES

For Electric Irons

Trade No.	Price Each
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060749 Automatic signal switch, add to price of iron..... \$4.50

060750 Automatic handle switch, add to price of iron..... 2.50

The rules of the New York Board of Fire Underwriters require in connection with electric irons an approved automatic signal to indicate whether the iron is being supplied with heat or not, or an approved automatic cutout. To meet these requirements we supply either an automatic signal switch or an automatic handle switch attached to the iron in place of those listed, at additional prices as above, over the catalogue price of any iron.

The automatic signal switch shows a lamp signal whenever current is on the iron, and the failure of the signal from any cause cuts off the current. With this no other switch is necessary for turning the iron "on" or "off" by hand.

The automatic handle switch is a switch inside the wood grip of the handle, operated by a lever held in position of "on" by an attachment to the stand, or by the operator. It automatically goes to the "off" position when released by the operator if not on its proper stand.

PACIFIC ELECTRIC HEATING DEVICES



El Chafo—Style 4



El Chafo—Style 5



El Chafo—Style 6

EL CHAFO

These chafing dishes are fully nickel-plated, with ebonite handles. Style 4 consists of the usual dishes especially fitted to El Stovo, which can be used separately, if desired. Styles 5 and 6 have self-contained heating element which is introduced directly into the water. Style 6 is in Mission design. All are equipped with silk cord and attachment plugs.

Trade No.	Style No.	Watts	Weight Pounds	Price Each
084567	*4	600	6 $\frac{1}{4}$	\$10.00
084568	5	225-450	3	12.00
084569	6	225-450	5	15.00

*If without El Stovo, deduct \$5.00.

El Perco
Pot StyleEl Perco
Machine Style

EL PERCO

In these percolators the heating element is introduced directly into the water. The boiling water drips slowly through the ground coffee which never is boiled. Finished in burnished copper or nickel-plated.

Pot Style

Trade No.	Capacity Cups	Watts	Weight Pounds	Price Each
084570	5	450	2 $\frac{1}{4}$	\$7.50
084571	7	450	2 $\frac{1}{2}$	8.00

Machine Style

084572	7	450	2 $\frac{3}{4}$	10.00
084573	9	450	3	11.00

El TeBallo
Pot StyleEl TeBallo
Machine Style

EL TEBALLO

Similar in action to El Perco. Finished in burnished copper or nickel-plated. An arrangement for elevating the tea ball after the infusion is completed; preserves the original flavor of the tea indefinitely.

Pot Style

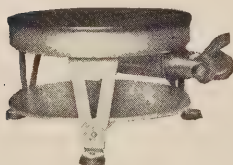
084574	7	8.00
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Machine Style

084575	7	10.00
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EL STOVO

These stoves are nickel-plated, with a lower shelf which protects the table. The legs also have ebonite tips so that the stoves can be used directly on the dining table or sideboard.



El Stovo

Trade No.	Size Inches	Watts	Weight Pounds	Price Each
084576	6	600	4	\$5.00

EL BOILO

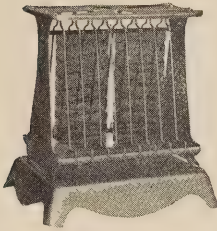
This immersion heater consists of a highly polished cylinder, which is plunged into the liquid.



El Boilo

Trade No.	Style	Watts	Weight Pounds	Price Each
084577	Toilet	350	$\frac{3}{4}$	\$3.00
084578	Kitchen	600	1 $\frac{1}{4}$	4.00

PACIFIC HEATING DEVICES

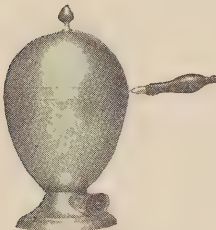


El Tosto

EL TOSTO

Highly nickel-plated and extremely ornamental. Has a shelf above, which is convenient for keeping plates or coffee warm.

Trade No.	Size Inches	Watts	Wt. Lbs.	Price Each
084579	7x7x6	550	3	\$4.00



El Eggo

EL EGGO

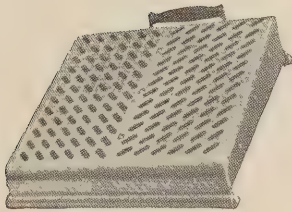
A small quantity of water is placed in the bottom and the eggs are placed in the ring tray. The current is turned on and the eggs are steam cooked or they may be boiled if desired.

A shirring pan with convenient handles is also furnished for shirring, scrambling, poaching and similar operations. In effect, El Eggo becomes a small but efficient chafing dish.

Trade No.	Watts	Wt. Lbs.	PRICE, EACH	
			Without Dish	With Dish
084580	450	2½	\$8.00	\$9.00

EL WARMO

This is a very convenient heater. Can be attached to any electric light socket and gives off a genial radiation continuously. Made of pressed steel in ornamental design with ebonite handle.

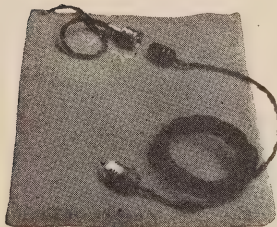


El Warmo

Trade No.	Size Inches	Watts	Wt. Lbs.	Price Each
084581	12x10	250	5	\$6.00

EL COMFO

This heating pad is designed to displace the hot water bottle and all other devices for applying heat locally. It attaches to any electric light socket and is controlled by a thermostat so that it cannot become overheated to the danger point. Also furnished with a convenient separable switch so that the current can be cut off by the person using it.

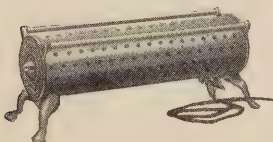


El Comfo

Trade No.	Style	Size Inches	Watts	Price Each
084582	1	10x12	40	\$4.00
084583	2	12x15	60	5.00
084584	3	15x20	80	6.00

AIR HEATERS

Especially adapted for heating small areas, such as bath-rooms and offices, and is very desirable in the spring and fall when other means of heating are out of service. The body is made of perforated pressed steel. The legs are nicked castings and the foot rests are heavily nicked bars.

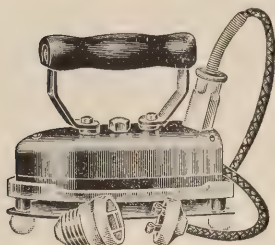


Air Heater

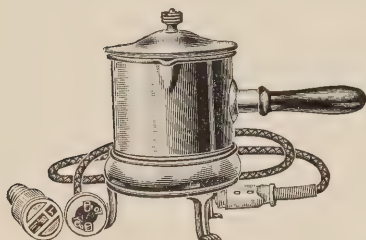
Trade No.	Diam.	SIZE, INCHES		Watts	Price Each
		Lgth.	Ht.		
084585	5	19	8	1000	\$8.00
084586	6	21	8½	1500	9.00
084587	7	23	9	2000	10.00

MESCO HEATING DEVICES

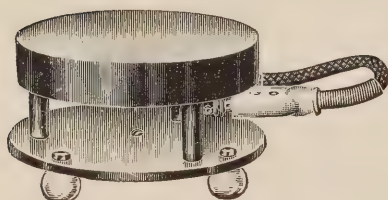
DIRECT OR ALTERNATING CURRENT



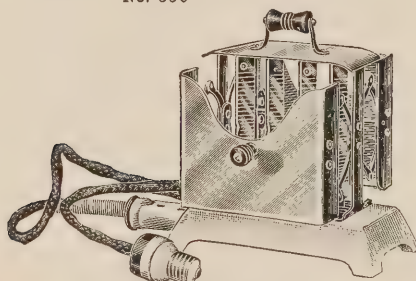
Nos. 500 and 504



No. 525



No. 550



No. 575



No. 590



No. 610

HOUSEHOLD IRONS

The iron and stand are nickel-plated; separable contacts at the iron, composed of non-breakable fireproof material. Supplied with 6 feet of cord and Separable Attachment Plug, which can be connected to any ordinary lamp socket.

100 To 120 Volts			200 To 240 Volts			Cap. Watts	Wt. Lbs.	Price Each
Trade No.	Mfrs. No.		Trade No.	Mfrs. No.				
084599	500		084604	501	200	3		\$7.00
084600	508		084605	509	325	4		8.00
084601	504		084606	505	375	5		8.50
084602	502		084607	503	400	6		9.50
084603	506		084608	507	600	8		12.00

DISC STOVES

Supplied with detachable connections at the stove and 6 feet of flexible conducting cord with Separable Attachment Plug. Diameter, $4\frac{1}{2}$ inches.

Trade No.	Mfrs. No.	Volts	Cap. Watts	Price Each
084609	525	110	350	\$6.40
084610	526	220	350	6.40

COMBINATION COOKERS

Stove and cooker are detachable so that either can be used separately. The vessel is of copper, tinned inside, nickel-plated outside. Capacity, 2 pints. Furnished with detachable contacts at the stove and 6 feet of cord with Separable Attachment Plug.

Trade No.	Mfrs. No.	Description	Cap. Volts Watts	Price Each
084611	550	Cooker complete	110 450	\$10.00
084612	551	Cooker complete	220 450	10.00
084613	529	Stove only	110 450	8.40
084614	530	Stove only	220 450	8.40
084615	572	Cooking utensil only ...	...	2.00

TOASTERS

The adjustable doors that hold the bread can be placed close to the heat unit for making toast quickly, or they can be withdrawn to the proper distance for making a hard brown toast. If doors are pulled out full distance the toast remains hot but will not burn.

084616	575	Nickel-plated	110 450	6.00
084617	576	Silver-plated	110 450	10.00

Toasters for 220 volts can be supplied to order at the same prices.

SOLDERING IRONS

All parts are interchangeable and can be renewed at a nominal cost. Equivalent to a 3-pound soldering copper. Furnished with 6-foot conductor cord and separable plug.

084618	590	Soldering iron complete	110 175	7.00
084619	596	Extra heating element	...	2.00
084620	597	Extra copper tip	...	.70

CURLING IRONS

The heat comes from the inside and is evenly distributed over surface of iron from end to end.

084621	610	With cord and plug	110 30	3.75
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SIMPLEX HEATING APPLIANCES



No. 451

NURSERY MILK WARMERS

Trade No.	Mfrs. No.	Price Each	Code Word
022633	451	\$6.50	Jwao

The above complete with "Hygeia" bottle and cord, plug and signal lamp attachment.

Made of copper, nickel plated. The temperature of the milk is raised throughout, uniformly, from 60 to 110 degrees Fahrenheit in 3 minutes.

HEATING PADS



No. 681

With Switch

Trade No.	Mfrs. No.	Cap. Watts	Size Inches	No. of Heat	Price Each	Code Word
022634	680	50	12x15	1	\$6.00	Jwce
022635	682	13-50	12x15	3	6.50	Jwec
022636	683	100	15x24	1	10.00	Jwep
022637	684	25-100	15x24	3	13.00	Jwev

Without Switch

Trade No.	Mfrs. No.	Cap. Watts	Size Inches	No. of Heat	Price Each	Code Word
022638	681	50	12x15	10	5.00	Jwik

The above complete with 10-foot cord and plug.

RUBBER COVERS

Trade No.	Price Each	Code Word
022639 For Nos. 680, 681 and 682	\$1.00	Jwir
022640 For Nos. 683 and 684	1.40	Jwis

CURLING IRON HEATERS

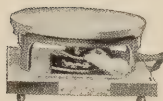


No. 1274

With Automatic Switch

Trade No.	Mfrs. No.	Cap. Watts	Price Each	Code Word
022641	1274	60	Nickel Plated, Marbleized Base \$3.00	Jwoa
022642	1276	60	Nickel Plated, White Marbleized Base 3.75	Jwoh
022643	1278	60	Nickel Plated with Onyx Base 4.50	Jwot

PORTABLE STOVES



No. 1731

Plain, 1 Heat

Trade No.	Mfrs. No.	Cap. Watts	Diam. Inches	Price Each	Code Word
022644	1700	100	3 1/4	\$5.00	Jwsa

The above special for dentists' use. Cord and plug with heating regulator.

Cord and Plug

Trade No.	Mfrs. No.	Cap. Watts	Diam. Inches	Price Each	Code Word
022645	1701	250	4 1/2	4.00	Jwsu
022646	1702	440	6	6.00	Jwud

Cord, No Plug

Trade No.	Mfrs. No.	Cap. Watts	Diam. Inches	Price Each	Code Word
022647	1703	600	7	7.00	Jwve
022648	1704	735	8	8.50	Jwya
022649	1705	1100	10	11.00	Jwyl
022650	1706	1300	12	15.00	Jxag
022651	1708	1800	15	18.00	Jxam



No. 1732

STOVES WITH THREE HEAT REGULATING SWITCHES

Cord and Plug

Trade No.	Mfrs. No.	Cap. Watts	Diam. Inches	Price Each	Code Word
022652	1731	83-250	4 1/2	\$6.00	Jxar
022653	1732	150-440	6	7.50	Jxef

Cord, No Plug

Trade No.	Mfrs. No.	Cap. Watts	Diam. Inches	Price Each	Code Word
022654	1733	200-600	7	8.50	Jxeh
022655	1734	250-735	8	10.00	Jxel

Cord and Plug Switch

Trade No.	Mfrs. No.	Cap. Watts	Diam. Inches	Price Each	Code Word
022656	1735	275-1100	10	13.00	Jxco
022657	1736	325-1300	12	17.00	Jxfa
022658	1738	450-1800	15	21.00	Jxfe



No. 1734

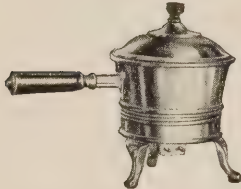
G-E HEATING DEVICES

WATER HEATERS—ENCASED DISK UNIT

May be used as baby milk warmers, egg boilers, and for heating liquids. Are made of heavily nickel-plated copper.



Type L-15 Water Heater



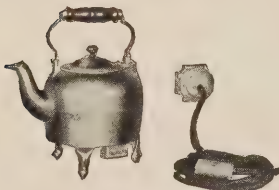
Type L-43 Water Heater



Hot Water Cup



No. 75098 Tea Kettle



No. 78581 Tea Kettle



No. 77761 Tea Kettle

Type L-14—One-Pint

Trade No.	Mfrs. No.	VOLTS	CAPACITY	Watts	Price Each
062956	76214	95-105		400	\$6.00
062957	76215	106-115		400	6.00
062958	76216	116-125		400	6.00

Type L-43—One-Pint

089081	79505	95-105		500	7.50
089082	79506	106-115		500	7.50
089083	79507	116-125		500	7.50
089084	79508	200-225		500	7.50
089085	79509	226-250		500	7.50

Type L-15—One-Quart

062959	76217	95-105		500	7.00
062960	76218	106-115		500	7.00
062961	76219	116-125		500	7.00
062962	78579	200-225		500	8.00
062963	78580	226-250		500	8.00

Furnished complete, with individual contact plugs, 6-foot cable and socket attaching plug.

HOT WATER CUPS

Type L-32—Half-Pint

069801	78845	95-125		150	3.00
069802	78846	200-250		150	3.00

Furnished complete, with individual contact plugs, 6-foot cable and socket attaching plug.

Nickel-plated soap tray can be furnished at an additional price of \$0.20.

TEA KETTLES—SPIRAL UNIT

Type L-18—Two Quart, Two-Heat

069658	75098	95-105		220-575	9.50
069659	75099	106-115		220-575	9.50
069660	75100	116-125		220-575	9.50

Furnished complete, with contact plug, 6-foot cable and socket attaching plug.

TEA KETTLES—CAST-IN UNIT

Type L-25—Four-Quart, Three-Heat

069661	78581	95-105		250-500-1000	14.00
069662	78582	106-115		250-500-1000	14.00
069663	78583	116-125		250-500-1000	14.00
069664	78516	200-225		250-500-1000	14.00
069665	78517	226-250		250-500-1000	14.00

Furnished complete, with 3-terminal contact plug, 6-foot cable and 3-heat wall receptacle.

TEA KETTLES—ENCASED DISK UNIT

Type L-29—Three-Pint

Brass Finish					
089086	77761	95-105		500	14.25
089087	77762	106-115		500	14.25
089088	77763	116-125		500	14.25
089089	78625	200-225		500	15.25
089090	78626	226-250		500	15.25
Copper Finish					
089091	77758	95-105		500	14.25
089092	77759	106-115		500	14.25
089093	77760	116-125		500	14.25
089094	78623	200-225		500	15.25
089095	78624	226-250		500	15.25
Nickel Finish					
089096	78840	95-105		500	14.25
089097	78841	106-115		500	14.25
089098	78842	116-125		500	14.25
089099	78843	200-225		500	15.25
089100	78844	226-250		500	15.25

Furnished complete, with individual contact plugs, 6-foot cable and socket attaching plug.

G-E HEATING DEVICES

CALORIZED SOLDERING IRONS

Every mechanic who handles a soldering iron appreciates one which stays hot all the time and which is always free from the smut of the muffle furnace.

The novel and salient features of these irons are as follows:

Extreme durability of the calorite cartridge heating unit, 10,000 hours "running dry."

The calorized copper bolt, or tip, which has greatly increased life, the calorizing treatment rendering copper non-corrosive.

High efficiency, due to the location of the unit in the tip.

Renewability of copper tip and heating unit.

A cool handle, made of metal, and flexible.

A detachable cord connector or handle.

They heat quickly, are easily regulated by turning on and off the current, and may be kept always uniformly hot.

WITH PLAIN WIRE HANDLES

Type I-8

Trade No.	Mfrs. No.	Diam. Tip Inches	Tip	WEIGHT, Oz. Complete	Volts	Watts	Price Each
069834	77065	$\frac{1}{2}$	2	25	95-105	75	\$4.75
069835	77066	$\frac{1}{2}$	2	25	106-115	75	4.75
069836	77067	$\frac{1}{2}$	2	25	116-125	75	4.75

Type I-9

069837	77068	$\frac{3}{4}$	8	28	95-105	100	5.00
069838	77069	$\frac{3}{4}$	8	28	106-115	100	5.00
069839	77070	$\frac{3}{4}$	8	28	116-125	100	5.00

Type I-10

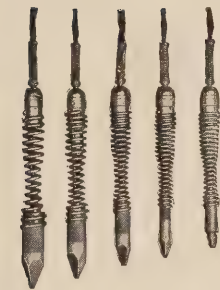
069840	77071	1	16	33	95-105	150	5.25
069841	77072	1	16	33	106-115	150	5.25
069842	77073	1	16	33	116-125	150	5.25

Type I-11

069843	77074	$1\frac{1}{4}$	32	$42\frac{1}{2}$	95-105	200	6.00
069844	77075	$1\frac{1}{4}$	32	$42\frac{1}{2}$	106-115	200	6.00
069845	77076	$1\frac{1}{4}$	32	$42\frac{1}{2}$	116-125	200	6.00

Type I-12

069846	77077	$1\frac{1}{2}$	48	54	95-105	275	6.75
069847	77078	$1\frac{1}{2}$	48	54	106-115	275	6.75
069848	77079	$1\frac{1}{2}$	48	54	116-125	275	6.75



With Plain Wire Handles

WITH HANDLE GUARD RING

Type I-8

069849	77080	$\frac{1}{2}$	2	25	95-105	75	4.75
069850	77081	$\frac{1}{2}$	2	25	106-115	75	4.75
069851	77082	$\frac{1}{2}$	2	25	116-125	75	4.75

Type I-9

069852	77083	$\frac{3}{4}$	8	28	95-105	100	5.00
069853	77084	$\frac{3}{4}$	8	28	106-115	100	5.00
069854	77085	$\frac{3}{4}$	8	28	116-125	100	5.00

Type I-10

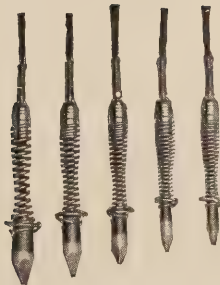
069855	77086	1	16	33	95-105	150	5.25
069856	77087	1	16	33	106-115	150	5.25
069857	77088	1	16	33	116-125	150	5.25

Type I-11

069858	77089	$1\frac{1}{4}$	32	$42\frac{1}{2}$	95-105	200	6.00
069859	77090	$1\frac{1}{4}$	32	$42\frac{1}{2}$	106-115	200	6.00
069860	77091	$1\frac{1}{4}$	32	$42\frac{1}{2}$	116-125	200	6.00

Type I-12

069861	77092	$1\frac{1}{2}$	48	54	95-105	275	6.75
069862	77093	$1\frac{1}{2}$	48	54	106-115	275	6.75
069863	77094	$1\frac{1}{2}$	48	54	116-125	275	6.75



With Handle Guard Ring

G-E HEATING DEVICES

LUMINOUS RADIATORS

Twin-Glowler—Portable, Type A-23



Twin-Glowler



Three-Bulb

Mantel Type
24x30-inch Size

Trade No.	Mfrs. No.	Description	Price Nickel Fin. Each
072449	78871	Complete, with two 250-watt heating bulbs 95 to 125 volts	\$6.00
072450	78922	Complete, with two 250-watt heating bulbs 200 to 250 volts	7.00

Furnished complete, with permanent attachment, 8-foot cable and socket attaching plug.

NOTE—When ordering, the voltage of the heating bulbs must be specified.

Three-Bulb—Type A-4

For Circuits Volts	Order Bulb For Volts	*†Watts	Trade No.	Price Ox. Fin. Each	Trade No.	Price Nickel Fin. Each
95-102	100	750	069930	\$15.00	069944	\$15.75
95-102	100	1500	069931	16.00	069945	16.75
103-107	105	750	069932	15.00	069946	15.75
103-107	105	1500	069933	16.00	069947	16.75
108-112	110	750	069934	15.00	069948	15.75
108-112	110	1500	069935	16.00	069949	16.75
113-117	115	750	069936	15.00	069950	15.75
113-117	115	1500	069937	16.00	069951	16.75
118-122	120	750	069938	15.00	069952	15.75
118-122	120	1500	069939	16.00	069953	16.75
123-127	125	750	069940	15.00	069954	15.75
123-127	125	1500	069941	16.00	069955	16.75
200-225	220	750	069942	16.00	069956	16.75
200-225	220	1500	069943	17.00	069957	17.75

* Radiators rated at 750 watts have three 250-watt bulbs and 1500-watt radiators have three 500-watt bulbs.

† When 500-watt bulbs are used on a 200-225-volt circuit they must be connected in series, and a 73-volt 500-watt bulb is required. When used on a 226-250-volt circuit an 80-volt bulb is required.

Furnished complete, with 8-foot cord, 2-terminal contact plug without socket attaching plugs.

When ordering, specify voltage and watts.

Four-Bulb—Grecian Style, Type A-24

Trade No.	Mfrs. No.	Finish	Description	Price Each
069972	78903	Oxidized copper	Complete, with either	\$40.00
069973	78904	Brush brass	250 or 500-watt	40.00
069974	78905	Nickel	heating bulbs	40.00

Furnished complete, with permanent attachment and 8-foot cord without socket attaching plug.

NOTE—When ordering, the wattage and voltage of the heating bulbs must be specified.

MANTEL TYPE

Three-Bulb—24 x 30-inch								Four-Bulb 30 x 30-inch			
For Circuits Volts	Order Bulbs for Volts	*†Watts	Trade No.	Price Ox. Fin. Each	Trade No.	Price Br. Fin. Each	Watts	Trade No.	Price Ox. Fin. Each	Trade No.	Price Br. Fin. Each
95-102	100	750	069975	\$22.00	069989	\$22.00	1000	070003	\$27.00	070017	\$27.00
95-102	100	1500	069976	23.00	069990	23.00	2000	070004	28.00	070018	28.00
103-107	105	750	069977	22.00	069991	22.00	1000	070005	27.00	070019	27.00
103-107	105	1500	069978	23.00	069992	23.00	2000	070006	28.00	070020	28.00
108-112	110	750	069979	22.00	069993	22.00	1000	070007	27.00	070021	27.00
108-112	110	1500	069980	23.00	069994	23.00	2000	070008	28.00	070022	28.00
113-117	115	750	069981	22.00	069995	22.00	1000	070009	27.00	070023	27.00
113-117	115	1500	069982	23.00	069996	23.00	2000	070010	28.00	070024	28.00
118-122	120	750	069983	22.00	069997	22.00	1000	070011	27.00	070025	27.00
118-122	120	1500	069984	23.00	069998	23.00	2000	070012	28.00	070026	28.00
123-127	125	750	069985	22.00	069999	22.00	1000	070013	27.00	070027	27.00
123-127	125	1500	069986	23.00	070000	23.00	2000	070014	28.00	070028	28.00
200-225	220	750	069987	25.00	070001	25.00	1000	070015	30.00	070029	30.00
200-225	220	1500	069988	26.00	070002	26.00	2000	070016	31.00	070030	31.00

* Radiators rated at 750 watts have three 250-watt bulbs and 1500-watt radiators have three 500-watt bulbs.

† When 500-watt bulbs are used on a 200-225-volt circuit they must be connected in series, and a 73-volt 500-watt bulb is required. When used on a 226-250-volt circuit an 80-volt bulb is required. When ordering, specify voltage and watts.

SIMPLEX HEATING APPLIANCES

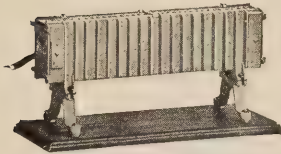


No. 1375

ELECTRIC FOOT WARMERS, ENAMEL INSULATION

Trade No.	Mfrs. No.	Capacity Watts	Size Inches	No. of Heats	Wt. Lbs.	Price Each	Code Word
022845	1375	100-200-400	9x12	3	10	\$7.50	Japh

Built of cast iron, finished in black japan. Made for 100-125-220-250 volts. Furnished with ten foot cord and plug.



No. 1124

SMALL RADIATORS, ENAMEL INSULATION

For One Heat Only

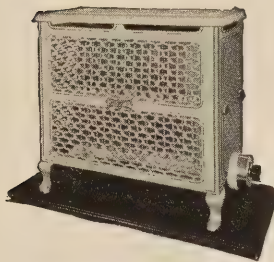
Trade No.	Mfrs. No.	Capacity Watts	Size, Base Inches	Price Each	Code Word
022846	1124	800	23 x6x10	\$10.50	Japu
022847	1125	1200	30½ x6x11	12.50	Jara
022848	1114	1200	23 x6x11½	13.50	Jarf
022849	1117	1500	30½ x6x12½	15.50	Jarg

No. 1114 same as No. 1124, with expanded metal guard added.
No. 1117 same as No. 1125, with expanded metal guard added.

For Three Divisions of Heat

022850	1128	800	23 x6x10	12.00	Jash
022851	1129	1200	30½ x6x11	14.50	Jasu
022852	1116	1200	23 x6x11½	15.00	Jath

No. 1116 same as No. 1128, with expanded metal guard added.
022853 1119 1500 30½ x6x12½ 18.00 Jats
No. 1119 same as No. 1129, with expanded metal guard added.
Furnished with eight-foot cords but no plugs.



No. 115

RADIATORS, OFFICE TYPE

For One Heat Only

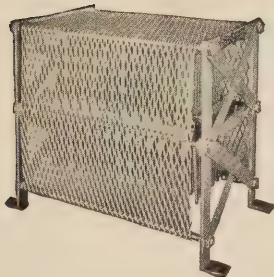
Trade No.	Mfrs. No.	CAPACITY Watts	Volts	Size, Base Inches	Wt. Lbs.	Price Each	Code Word
022854	115	4000	100-125	27x13½x20½	90	\$29.00	Jauc
022855	116	6000	100-125-220-250	27x13½x20½	102	33.00	Jaug
022856	117	8000	100-125-220-250	36x13½x20½	115	38.50	Jauk

For Two Divisions of Heat

022857	119	6000	100-125	27x13½x20½	102	37.00	Jaum
022858	120	8000	100-125	36x13½x20½	120	42.50	Jaur

Nos. 119 and 120 have controlling switch on heater.

Suitable for heating large rooms, requiring several radiators. Cords and plugs not furnished.



No. 123

RADIATORS, WORKSHOP TYPE

For One Heat Only

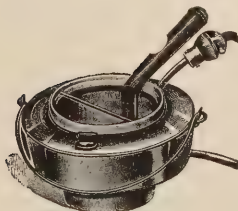
Trade No.	Mfrs. No.	CAPACITY Watts	Volts	Size, Base Inches	Wt. Lbs.	Price Each	Code Word
022859	123	4000	100-125	23x12x17	55	\$25.00	Jayg
022860	124	6000	100-125-220-250	23x12x17	65	28.50	Jayl
022861	125	8000	100-125-220-250	33x12x17	70	33.00	Jbac

For Two Divisions of Heat

022862	127	6000	100-125	23x12x17	65	32.50	Jbad
022863	128	8000	100-125	23x12x17	70	37.00	Jbaf

Nos. 127 and 128 have controlling switch on heater.

The above are fitted with wrought iron frame and expanded steel case without baseboards. Designed for factory use. Cords and plugs are not furnished.



No. 403

GLUE POTS

With Reservoir and Water Jacket

Trade No.	Mfrs. No.	Cap. Watts	Cap. Pints	Price Each	Code Word
022865	403	85-330	1	\$13.50	Jbad
022866	404	100-440	2	14.50	Jbar
022867	405	170-660	4	16.00	Jbat
022868	406	275-1100	8	22.25	Jbba
022869	407	360-1440	16	41.00	Jbbe
056981	410	625-2500	40	78.00	Jadca

Furnished with cords, and plug switch.

SINGLE GLUE VESSELS

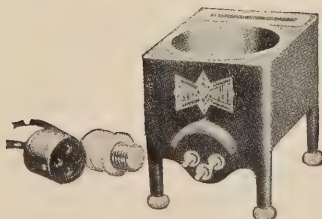
022870	1722	50-300	½	7.50	Jbbo
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Furnished with cord and three heat plug.

DOUBLE GLUE VESSELS

022871	1723	85-500	2-1	11.00	Jbca
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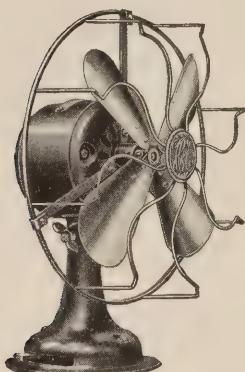
Furnished with cord and three heat plug.



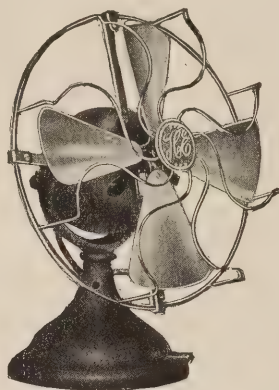
No. 1722

HUNTER FAN MOTORS

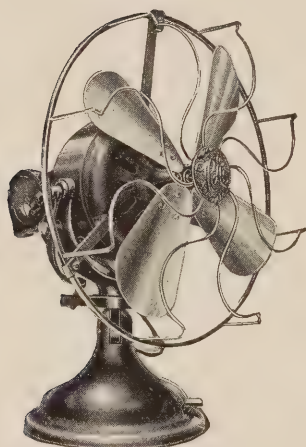
DIRECT CURRENT



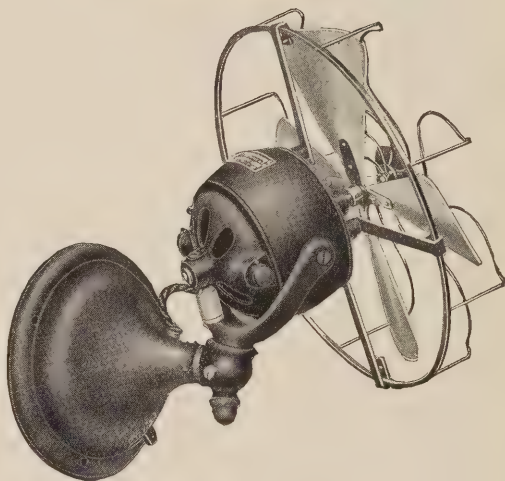
8-inch Desk



12-inch Desk



16-inch Desk Oscillating



16-inch Wall Bracket

DESK AND BRACKET FANS

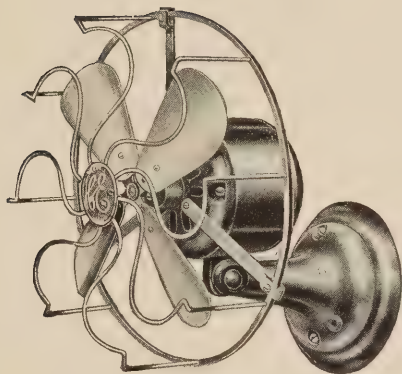
Trade No.	Voltage	Watts	8-inch	Price Each	Code Word
			Speed		
042132	110	.....	.....	\$17.00	Aiyfa
042133	230	.....	.....	19.00	Aiygo
042134	110	50	12-inch	21.00	Aiygu
042135	230	60	1000-1200-1550	23.00	Aiyja
042136	110	100	16-inch	24.50	Aiyka
042137	230	115	900-1200-1550	26.50	Aiyko

OSCILLATING FANS

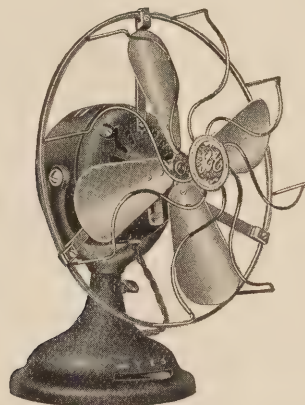
042138	110	50	12-inch	28.00	Aiylo
042139	230	60	1000-1200-1550	30.00	Aiylp
042140	110	100	16-inch	34.00	Aiylu
042141	230	115	900-1200-1550	36.00	Aiylms

HUNTER FAN MOTORS

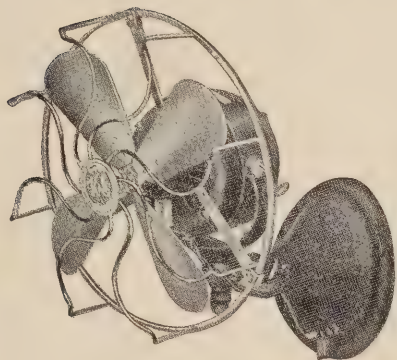
ALTERNATING CURRENT



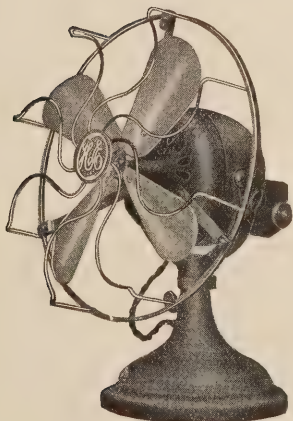
8-Inch Bracket



12-Inch Desk



12-Inch Bracket



12-Inch Desk Oscillating

DESK AND BRACKET FANS

8-Inch

Trade No.	Cycles	Voltage	Shipping Wt. Lbs.	Price Each	Code Word
027634	25	110	....	\$18. 00	Kxyd
027635	40	120	....	17. 50	Kyab
027636	60	110	....	17. 00	Kyaf
027637	60	220	....	19. 00	Kyap

12-Inch

027638	25	110	45	28. 00	Kyat
027639	40	120	45	26. 00	Kybe
027640	60	110	45	25. 00	Kyck
027641	60	220	45	27. 00	Kyev
027642	133	110	45	25. 00	Kyfa
027643	133	220	45	27. 00	Kygo

16-Inch

027644	25	110	48	33. 00	Kygu
027645	40	120	48	31. 00	Kyja
027646	60	110	48	30. 00	Kyka
027647	60	220	48	32. 00	Kyko
027648	133	110	48	30. 00	Kylo
027649	133	220	48	32. 00	Kylp

OSCILLATING FANS

12-Inch

027650	25	110	45	35. 00	Kylu
027675	40	120	45	33. 00	Kyms
027676	60	110	45	32. 00	Kyob
027677	60	220	45	34. 00	Kyof
027678	133	110	45	32. 00	Kyol
027679	133	220	45	34. 00	Kypt

16-Inch

027680	25	110	47½	41. 00	Kyrl
027681	40	120	47½	39. 00	Kysk
027682	60	110	47½	38. 00	Kyuf
027683	60	220	47½	40. 00	Kyun
027684	133	110	47½	38. 00	Kyvu
027685	133	220	47½	40. 00	Kyxt

The 8-inch fans have convertible joints which permit the changing of a desk into a bracket type without the use of an adapter.

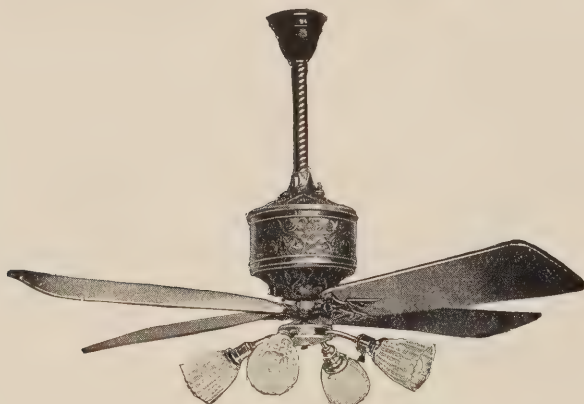
The 12 and 16-inch fans can be easily converted to wall type fans by the use of adapter, furnished upon request.

HUNTER CEILING FANS

DIRECT CURRENT



Type J



Type K

TYPE J—FOUR BLADE

Plain, Japanned

Trade No.	No. Volts	Price Each	Code Word
042142	110	\$33.00	Ahond
042143	220	37.00	Ahong

The type J ceiling fan will be furnished with either two or four blades, eight inches wide, with 56 sweep, and operate at a speed of 220 R. P. M. with a current consumption of 80 watts. The blades are permanently set at the proper fixed angle and are carried by malleable iron blade holders.

TYPE K—FOUR BLADE

Ornamental

042144	110	39.00	Ahook
042145	220	43.00	Ahoom

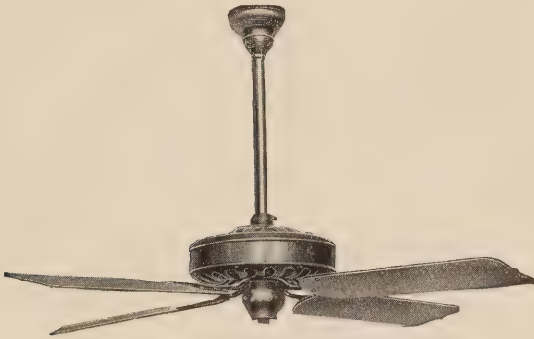
With Electrolizer

042146	2 Light extra	4.00	Ahopa
042147	4 Light extra	8.00	Ahopp

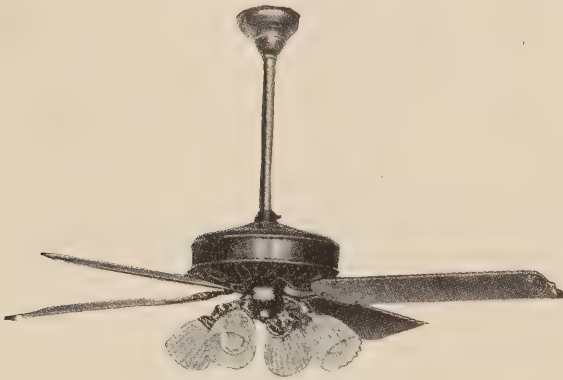
The Type K is a highly embossed brass casing finished in either oxidized copper or oxidized brass and supplied with a 3-foot stem covered with brass rope tubing suitable for 12-foot ceiling; insulated hanger, upper canopy and ceiling hook.

TUERK CEILING FANS

ALTERNATING CURRENT



Type C, without Electrolier Attachment



Type C, with Electrolier Attachment

TYPE C FOUR BLADES, OXIDIZED COPPER

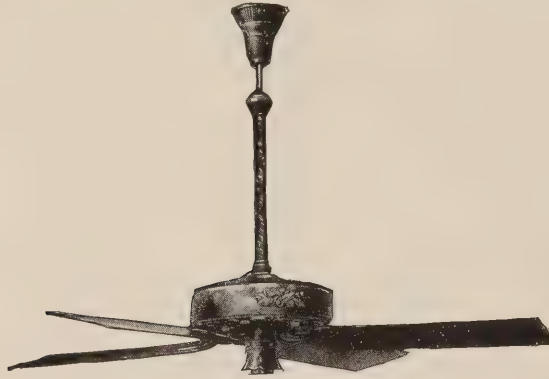
100-120 Volts

Trade No.		Price Each	Code Word
027612	50 or 60 Cycles	\$50.00	Keba
027613	Extra for 40-Cycle Windings	4.00	Kebe
027614	Extra for 25-Cycle Windings	6.00	Kebs
027615	Extra for 220-Volt Windings	2.00	Kebt
027616	Extra for 2-Light Electrolier Attachments	3.20	Kefa
027617	Extra for 4-Light Electrolier Attachments	6.40	Kefe
027618	Extra for White Enamel Finish with Gold Lines	5.00	Kefs

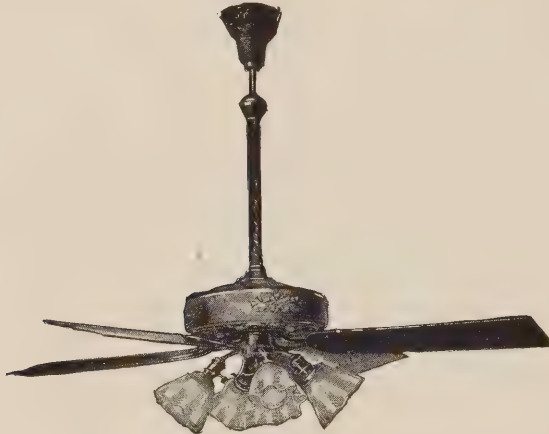
Type C Ceiling Fans are furnished complete with two speed regulating switch, ceiling hooks, canopy and insulating hanger. Stems for this fan are not furnished unless specially ordered.

TUERK ORNAMENTAL CEILING FANS

ALTERNATING CURRENT



Type CO 4 Blade



Type CO with Electrolier

TYPE CO—3 SPEEDS

Four Blade, Oxidized Copper

Trade No.		Price Each	Code Word
042148	50 or 60 cycles	\$56.00	Ahoku
042149	Extra for 40-cycle windings	4.00	Aholb
042150	Extra for 25-cycle windings	6.00	Aholf
042151	Extra for 220-volt windings	2.00	Aholp
042152	Extra for 2-light electrolier attachments	3.20	Ahomb
042153	Extra for 4-light electrolier attachments	6.40	Ahomp
042154	Extra for white enamel finished with gold lines	5.00	Aholt

TYPE CO

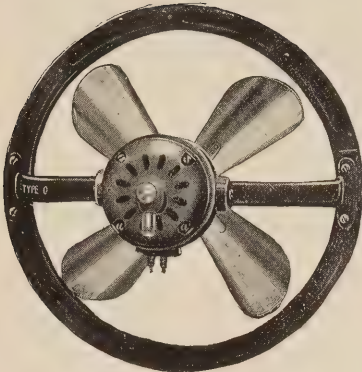
With Electrolier Attachments

We have added to our numerous types of fan motors an ornamental alternating current ceiling fan, the design of which is highly artistic and pleasing in appearance, and possessing all the essentials absolutely necessary to a high class motor: namely, efficiency and durability. This motor is well built by skilled mechanics for constant and continuous service, the interior construction being exactly the same as that used in the successful Type C, noiseless, straight induction, slow speed fan.

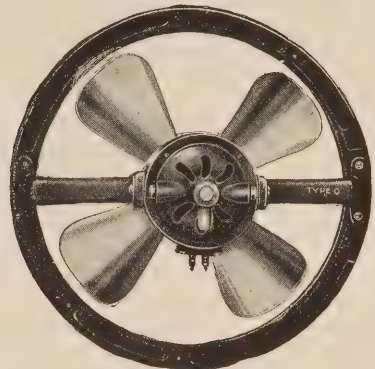
Type CO ceiling fans are furnished complete with suspension stem adjustable for ceilings from ten to fourteen feet.

HUNTER VENTILATING FAN MOTORS

ALTERNATING AND DIRECT CURRENT



Type O



Type W

TYPE O

Alternating Current

Trade No.	Diameter Inches	Cycles	Voltage	Price Each	Code Word
042155	12	25	110	\$27.00	Ahorb
042156	12	40	120	25.00	Ahork
042157	12	60	110	24.00	Ahorn
042158	12	60	220	26.00	Ahors
042159	16	25	110	33.00	Ahost
042160	16	40	120	31.00	Ahouc
042161	16	60	110	30.00	Ahous
042162	16	60	220	32.00	Ahowl
042163	Three speed regulator		...	4.00	Ahoxa

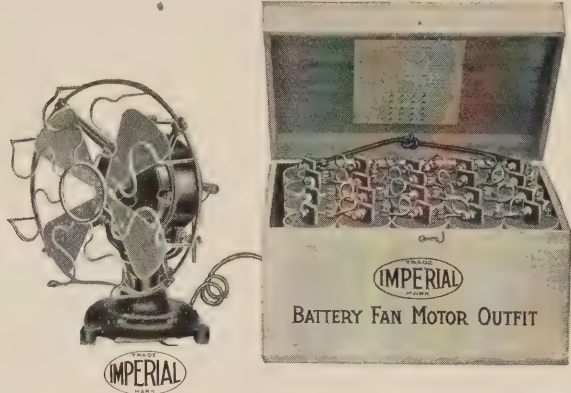
TYPE W

Direct Current

Trade No.	Diameter Inches	Amperes	Voltage	Price Each	Code Word
042164	12	0.45	110	\$23.00	Ahoxe
042165	12	0.25	220	25.00	Ahoym
042166	16	1.00	110	31.00	Ahoyo
042167	16	0.55	220	33.00	Ahpac
042168	Three speed regulator		...	4.00	Ahpaj

The Types O and W Alternating and Direct Current small ventilating outfits have a distinctive field of their own for ventilating small areas where it is impossible to make use of the larger direct driven exhaust wheel, such as offices, kitchens, toilets, small private dining rooms, cellars, vaults, etc. They can be used for exhausting foul air or supplying fresh air in numerous places. Speed regulators can be furnished when desired.

BATTERY FAN MOTOR OUTFITS



IMPERIAL DESK TYPE—10-INCH

Trade No.	Mfr. No.		Shipping Wt., Lbs.	Price Each
081162	50	Complete outfit	95	\$25.00
081163	50-F	Motor, fan and guard	35	16.50
081164	50-B	Renewal Columbia dry cells, (set of 20).....	60	6.00
081165	50-R	Box with hinged cover, binding posts, etc....		2.00

This outfit consists of one Imperial Fan Motor with 10-inch polished brass fan and guard, motor wound to 6 volts, swivel and trunnion frame, permitting fan to be turned to right or left, up or down, self-oiling ball bearings, graphite-gauze brushes, switch mounted on porcelain in base of fan, all iron parts handsomely enameled; one battery box 18 $\frac{3}{4}$ inches high, 11 $\frac{1}{2}$ inches wide, 14 $\frac{1}{4}$ inches long, hard wood, hinged cover with 20 cells Columbia Dry Batteries (2 $\frac{1}{2}$ x6 inches) all connected ready for instant use, no wires, chemicals, acids or anything to cause bother or injury; flexible cord with terminals for connecting fan motor to battery.

This outfit will operate approximately at 1200 R. P. M. and with average running, will last 150 hours, before renewal of battery cells becomes necessary.

EDISON DESK TYPE, 7-INCH

Trade No.		Price Each
081166	Complete outfit	\$19.00
081167	Motor, fan, and guard only	9.25

Consists of iron clad motor with 7-inch fan and guard, battery cords, and three Edison Type S primary cells, with porcelain jars.

The motor is of the enclosed field type, having a three pole armature and copper commutator segments. It is noiseless, has self-oiling bearings and is entirely enclosed in iron clad case, the rear end being left open for the regulation of brushes.

The fan carried by this motor is protected by a handsome brass wire guard.

The cells come in a polished oak box, 18 $\frac{3}{4}$ inches long, 8 inches wide, 15 inches deep. They will run the fan 150 hours continuously.

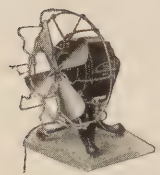
EDISON DESK TYPE, 9-INCH

081168	Complete outfit	\$27.50
081169	Motor, fan, and guard only	13.50

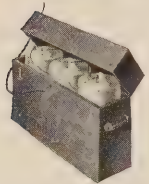
Consists of Edison Battery Motor with 9-inch fan and guard, battery cords, and four Edison Type S Primary Cells, with porcelain jars.

The motor is of the open field type, with Paccinoti ring armature. The armature shaft is mounted on ball bearings, which materially decrease the frictional loss, and consequently the fan runs at a high rate of speed, while requiring considerably less current to drive it. This improvement increases the efficiency of the motor nearly 50 per cent. The motor with fan occupies a space of 10x12 inches.

The cells come in a polished oak box, 25 inches long, 8 inches wide, 15 inches high. They will run the fan 150 hours continuously.



7-inch Fan Motor Outfit



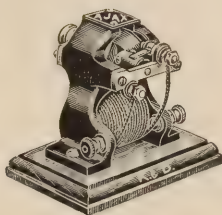
9-inch Fan Motor Outfit



K & D MOTORS



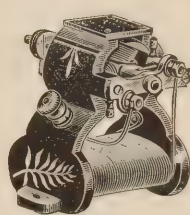
No. 38



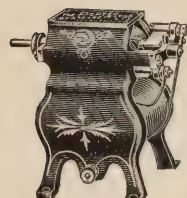
No. 39



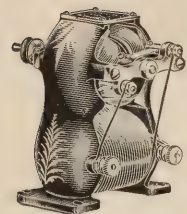
No. 42



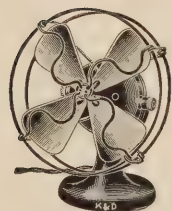
No. 1



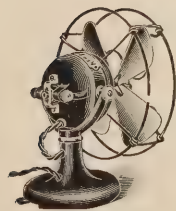
No. 3



No. 6



No. 18



No. 18

REX MOTORS

No. 37. Without Switch

Trade No.	Size Inches	Wt. Lbs.	Price Each	Code Word
067586	3x3½x3½	¾	\$1.00	Avtla
067587	3x3½x3½	¾	1.25	Avtna
067588	3x3¼x4	1	1.50	Avtod
067589	3x3¼x4	1	1.75	Avtok

All the above motors run efficiently on one cell, dry or other battery. They are finished in black enamel, nickel plated trimmings. Mounted on polished wood base.

STANDARD MOTORS

No. 1

067590	3½x3½	1½	3.00	Avtol
067591	Wound to run in series with lamp		3.50	Avtop

This motor is designed to run on a single cell, although two may be used if desired. If two are used, they should be connected in series. The motor develops sufficient power to propel mechanical toys, advertising devices, etc. Finished in black enamel, nickel plated trimmings. Speed 1800 R.P.M.

No. 2

067592	4x4	2¾	5.00	Avtor
067593	Wound to run in series with lamp		5.75	Avtov

Built on the lines of No. 1, but larger and heavier with corresponding increase in efficiency. Speed, 1800 R.P.M. Voltage, 4. Amperes, 2.

No. 3

067594	5¼x4x5½	6½	8.00	Avtpi
067595	Wound to run in series with lamp		9.00	Avtto

This motor is suitable for operating small mechanical devices.

No. 4

067596	6x4½x6	8	9.00	Avtue
067597	Wound to run in series with lamp		10.50	Avtuh

Same type as No. 3, but larger and more powerful, with corresponding increase in efficiency.

Nos. 3 and 4 will swing any 8-inch fan. Speed, 1800 R.P.M. Voltage, 6. Amperes, 1.6,

No. 6

067598	3½x3½x4¾	3½	6.00	Avtuv
067599	Wound to run in series with lamp		6.75	Avtvo

Armature shaft is 3½ inches long. Speed, 2400 R.P.M. Voltage, 6. Amperes, 2.

All standard motors are designed to operate on two or three cells of battery. Finished in black enamel, brass trimmings.

FAN MOTORS

No. 18

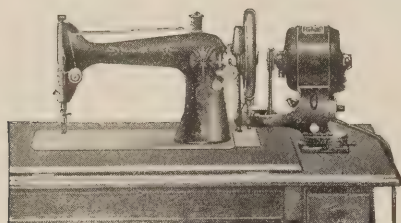
067600	Wound for batteries	6.50	Avtvu
067601	Wound to run in series with 110 volt D.C. lamp	8.00	Avtwe
067602	Wound to run in series with 110 volt A.C. 60 cycle lamp	8.00	Avtye

This motor is entirely enclosed, with the exception of the commutator, which is easily accessible for cleaning, etc.

The fan is 6 inches in diameter, with guard of standard pattern. The trunnion suspension allows it to be tilted to any desired angle. A convenient switch is located in the base. It is entirely self contained.

Finished in black enamel and nickel plate. Speed about 2300 R.P.M. on current of 7 volts, 5 amperes. A battery of 20 cells, connected 5 in multiple, 4 in series should have a life of about 200 hours, actual use.

G-E SEWING MACHINE MOTORS



Type DSS, 1/30 H. P. Form HC

FAMILY SIZE

ALTERNATING CURRENT—60 CYCLES

Form HC

Trade No.	Type	Horse Power	Volts	Cycles	Speed	APPROX. WEIGHT, LBS.		Price Each
						Net	Shipping	
029123	DSS	1/30	110	60	1800	19	30	\$32.00
029124	DSS	1/30	220	60	1800	19	30	34.00

Form KC

029125	DSS	1/30	110	60	1800	18	29	32.00
029126	DSS	1/30	220	60	1800	18	29	34.00

Family size sewing machines for 40 cycles (1/30 horse power) and 25 cycles (1/40 horse power) can also be supplied. Further information will be furnished on request.

CONTINUOUS CURRENT—SHUNT WOUND

Form H

029127	DSD	1/30	110	..	1700	19	30	32.00
029128	DSD	1/30	220	..	1700	19	30	34.00

Form K

029129	DSD	1/30	110	..	1700	18	29	32.00
029130	DSD	1/30	220	..	1700	18	29	34.00

Trade number covers the outfit complete, consisting of motor with self-contained belt tightener device, base plate with screws and with Edison attaching plug, treadle pull and leather belt.

Forms HC and H motors are applicable to most makes of high arm sewing machines. Forms KC and K low arm type motors are applicable for use with low arm sewing machines, and in addition can be used wherever high arm type motors are suitable. Further information will be furnished on request.

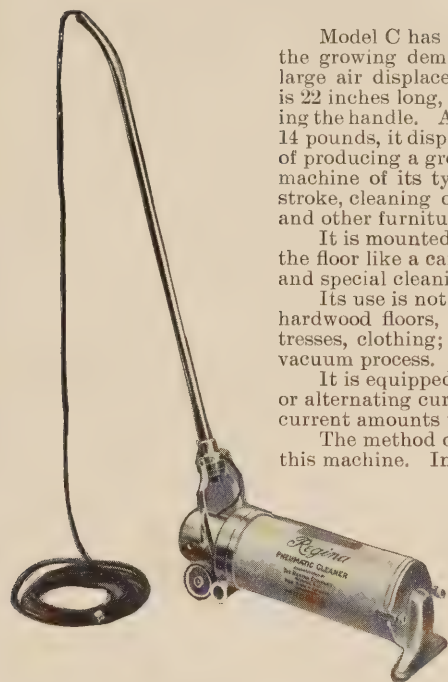
Prices Subject to Change without Notice

FACTORY SIZE

We are prepared to supply factory size sewing machine motors of 1/15 to 1/6 horse power capacities, for alternating current, 60, 40 and 25 cycles, and the usual direct current commercial voltages. Information will be furnished on request.

REGINA PNEUMATIC CLEANERS

MODEL C



Model C has been designed by competent engineers to meet the growing demand for an electrically operated cleaner having large air displacement, at a very moderate price. This machine is 22 inches long, 7 inches wide, and $7\frac{1}{2}$ inches high, not including the handle. Although it is small and compact, and weighs only 14 pounds, it displaces an enormous quantity of air, and is capable of producing a greater vacuum than can be obtained in any other machine of its type. It cleans a strip 7 inches wide at each stroke, cleaning directly up to baseboards or under beds, chairs and other furniture.

It is mounted on rubber tired wheels and may be rolled over the floor like a carpet sweeper, or used in connection with a hose and special cleaning tool when desired.

Its use is not limited to carpets and rugs, as it will also clean hardwood floors, curtains, draperies, upholstered furniture, mattresses, clothing; in fact, anything that can be cleaned by the vacuum process. It will remove germs as well as dust.

It is equipped with a small but powerful G-E Motor for direct or alternating current, as ordered. The average consumption of current amounts to less than 1 cent per hour.

The method of dust separation is a special feature, unique in this machine. Instead of hanging an unsightly dust bag on the handle, the dust receptacle is encased between the intake and the motor. Thus all moving parts are properly protected and no dust, matches or sticks can be drawn through or around the mechanism, or thrown out with the exhaust.

The intake is large to admit scraps of paper, burnt matches and other litter. The dust receptacle is easily removed and replaced. The handle is one piece, of nickel-plated tubing, and is so attached that it can be used at any

angle from a vertical to a horizontal position. A powerful blower is obtained by attaching the hose to the opening of the exhaust.

The machine is perfectly balanced, supports the weight of the handle at any angle, and can be moved on the floor with one finger.

The materials used are the best that can be obtained, and the workmanship is first class. The machine is handsomely finished in nickel plate, aluminum and grey enamel, and is fully guaranteed.

COMPLETE EQUIPMENT

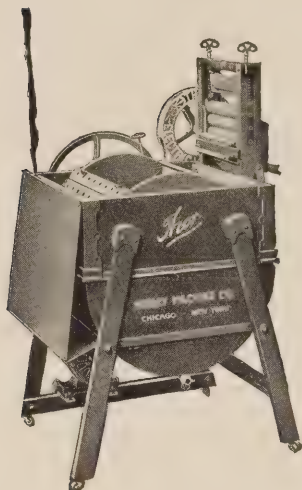
Trade No.	Description	Price Each
084631	Model C cleaner, equipped with 20 feet of electric cable with connections, combination cover and carpet nozzle, and hardwood floor attachment..	\$45.00

EXTRA ATTACHMENTS

Trade No.	Set No.	Description	Price Each
084632	1CA	9 feet re-enforced vacuum hose, drapery and curtain tool, and cover for use with hose.....	\$6.00
084633	2CA	4 feet sectional swivel jointed brass tube, wall brush, tool for cleaning tufted furniture, and special floor tool for cleaning under furniture.....	5.75
084634	1CB	10 feet re-enforced cloth covered 1-inch vacuum hose, tool for cleaning tufted furniture, drapery and curtain tool, and cover for use with hose.....	10.00
084635	2CB	4½ feet sectional swivel jointed, nickel-plated steel tube, wall brush, universal joint, clothing and hat brush, and 10 feet cloth covered blowing hose.....	15.00

Sets Nos. 1CB and 2CB are composed of extra large tools.

THOR WASHERS



The bodies of the Thor electric washers are made of copper, zinc or high grade open-hearth galvanized steel. They are thoroughly double-seamed and soldered, making them absolutely water-tight and rust-proof. The legs and body of the machine are rigidly braced with metal brackets, tie-rods and steel bands, making them stronger than if made of one solid piece. The cover is made of the same metal as the body of the machine and is attached with a piano hinge and adapted to form a table top on which the clothes can be placed while wringing from the rinsing and bluing waters.

The machines are fitted with three-roll reversible wringers, which enables the clothes to be run through the wringer from either side without making any change in the operation of the machine.

The machines are equipped with special roller casters so that they can be easily and quickly moved from place to place. Stationary machines are equipped with leg brackets to be bolted to the floor.

No. 1

Complete, with Wringer, Motor, and Galvanized Steel Body

Trade No.	Height, Inches	Floor Space Inches	SIZE CYLINDER, INCHES		NET GROSS WEIGHT LBS.			Shipping Floor Space Cubic Feet	Price Each
			Diam.	Length	Wt. Lbs.	Domestic Shipping	Foreign Shipping		
060230	35	34 x 35	19½	20	207	250	336	45	\$85.00
Complete with Wringer, Motor, and Zinc Body									
060231	35	34 x 35	19½	20	207	250	336	45	95.00
Complete with Wringer, Motor, and Copper Body									
060232	35	34 x 35	19½	20	207	250	336	45	100.00

No. 1 is specially designed for medium-sized families. Capacity, 14 shirts or 6 sheets. Wringer, three-roll reversible. Motor, special ⅓-horse-power Westinghouse electric motor for direct or alternating current. Any voltage or cycle required. Has sufficient power to wash and wring the clothes at the same time.

No. 1½

Complete, with Wringer, Motor, and Galvanized Steel Body

060233	38	35 x 38	21¾	22¾	234	306	400	53	110.00
Complete, with Wringer, Motor, and Zinc Body									
060234	38	35 x 38	21¾	22¾	234	306	400	53	125.00
Complete, with Wringer, Motor, and Copper Body									
060235	38	35 x 38	21¾	22¾	234	306	400	53	135.00

No. 1½ is specially designed for large families. Capacity, 20 shirts or 9 sheets. Wringer, three-roll reversible. Motor, special ½-horse power Westinghouse electric motor for direct or alternating current. Any voltage or cycle required. Has sufficient power to wash and wring the clothes at the same time.

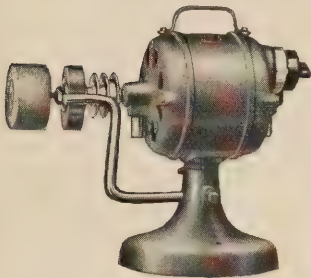
No. 2½

Complete, with Wringer, Motor, and Galvanized Steel Body

060236	38	35 x 41	22	26	238	317	416	55	150.00
Complete, with Wringer, Motor, and Zinc Body									
060237	38	35 x 41	22	26	238	317	416	55	165.00
Complete, with Wringer, Motor, and Copper Body									
060238	38	35 x 41	22	26	238	317	416	55	175.00

No. 2½ is specially designed for exceptionally large families, country clubs, convents, small hotels, hospitals, sanitariums, and institutions of all kinds. Capacity, 30 shirts or 12 sheets. Motor, special ¾-horse power Westinghouse electric motor for direct or alternating current. Any voltage or cycle required. Has sufficient power to wash and wring the clothes at the same time.

WESTINGHOUSE GENERAL UTILITY MOTORS



G. U. Motor for Buffing and Grinding



G. U. Motor for Ventilating

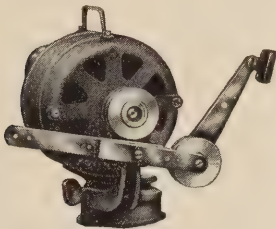


G. U. Motor for Power

WESTINGHOUSE UTILITY MOTORS

The General Utility motor can be arranged for:—
1. A sewing machine motor. 2. A jeweler's lathe motor. 3. A polishing and grinding motor. 4. A ventilating blower. 5. A small power motor.

This adaptation of the motor for various purposes is accomplished by means of simple attachments which can be quickly and easily fitted to the motor by anyone. The same motor is used for all services. It is purchased complete with one or more sets of attachments, and any of the other attachments can be purchased separately when desired.



As a Sewing Machine Motor

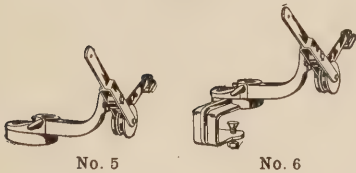
MOTORS WITHOUT BASES

Single-Phase—Alternating Current, 60 Cycles

Trade No.	Item No.	H. P.	Volts	Approx. Full Load Speed	Approx. Gross Wt., Lbs.	Price Each	Code Word
052057	1	$\frac{1}{20}$	110	1700	25	\$18.25	Begco
052058	2	$\frac{1}{20}$	220	1700	25	19.25	Begde
Direct Current							
052059	3	$\frac{1}{20}$	115	1700	25	17.25	Begdu
052060	4	$\frac{1}{20}$	230	1700	25	18.25	Begeg

ATTACHMENTS

Trade No.	Item No.		Price Each	Code Word
052061	5	Sewing machine base, standard screw.....	\$2.75	Begbi
052062	6	Sewing machine base, special clamp.....	3.00	Begbu
052063	7	Pedestal base.....	.90	Begca
052064	8	Tool rest.....	.75	Begck
052065	9	Combination chuck for buffer and grinder....	1.50	Begem
052066	10	3-step special jeweler's chuck for taking grinding wheels of $\frac{1}{4}$ -in., $\frac{5}{16}$ -in., and $\frac{3}{8}$ -in. bore.	1.00	Beget
052067	11	Adapter for Ritter chucks	1.25	Begfe
052068	12	Emery wheel, $\frac{3}{4}$ -in. face, 2 $\frac{1}{2}$ -in. diameter, $\frac{1}{2}$ -in. bore.....	.40	Begfo
052069	13	Buffing wheel 3-in. diameter, 30 ply.....	.20	Begga
052070	14	Brush wheel 3-in. diameter	.40	Begid
052071	15	3-ft. flexible shaft for carrying buffing and grinding attachments.	11.00	Begil
052072	16	Stick of rouge 1-in. x 3-in. for buffing wheel....	.25	Begim
052073	17	4 $\frac{1}{2}$ -in. Sirocco blower...	12.50	Begko
052074	18	Complete set of eight Ritter chucks including $\frac{3}{8}$, $\frac{5}{16}$ and $\frac{1}{4}$ -in. hub; also adjustable chucks for drills, burrs, etc..	6.00	Begla



No. 5

No. 6



No. 7

No. 8

No. 9



No. 10

No. 11

No. 12

No. 13

No. 14

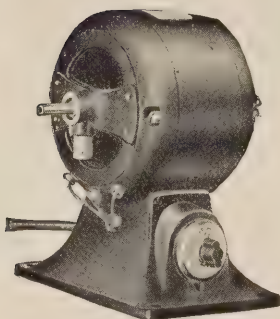


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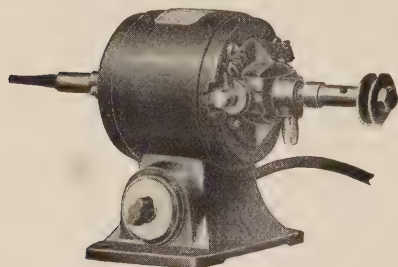
No. 16

G-E MOTORS

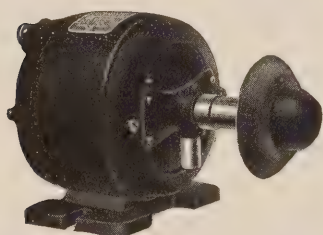
JEWELERS' BUFFING AND GRINDING MOTORS



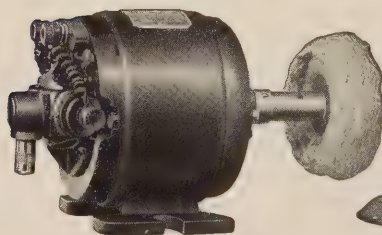
Type DSS $\frac{1}{2}$ H. P. Jeweler's Buffing and Grinding Motor



Type DSD Direct Current $\frac{1}{10}$ H. P. Jeweler's Buffing and Grinding Motor



Type DSS 1-30 H. P. 1800 R. P. M. 60 Cycles 110 Volt, Domestic Buffing and Grinding Motor



Type DSD Direct Current Domestic Buffing and Grinding Motor

Alternating Current Single Phase

Trade No.	Cycles	H. P.	Volts	Speed	Price Each	Code Word
047544	60	$\frac{1}{15}$	110	1800	\$45.50	Aokfo
047545	60	$\frac{1}{15}$	220	1800	47.50	Aokfu
047546	60	$\frac{1}{10}$	110	1800	52.70	Aokga
047547	60	$\frac{1}{10}$	220	1800	54.70	Aokib
047548	60	$\frac{1}{8}$	110	1800	59.20	Aokid
047549	60	$\frac{1}{8}$	220	1800	61.20	Aokim
047550	60	$\frac{1}{6}$	110	1800	66.00	Aokir
047551	60	$\frac{1}{6}$	220	1800	68.00	Aokip
047552	40	$\frac{1}{10}$	110	2400	49.00	Aokjo
047553	40	$\frac{1}{10}$	220	2400	51.00	Aokju
047554	40	$\frac{1}{8}$	110	2400	56.40	Aokka
047555	40	$\frac{1}{8}$	220	2400	58.40	Aokle
047556	40	$\frac{1}{6}$	110	2400	63.20	Aokma
047557	40	$\frac{1}{6}$	220	2400	65.20	Aokog

Direct Current

047558	..	$\frac{1}{15}$	110	2400	41.00	Aokol
047559	..	$\frac{1}{15}$	220	2400	43.00	Aokos
047560	..	$\frac{1}{10}$	110	2400	43.00	Aokov
047561	..	$\frac{1}{10}$	220	2400	45.00	Aokpe
047562	..	$\frac{1}{8}$	110	2400	49.00	Aokpu
047563	..	$\frac{1}{8}$	220	2400	51.00	Aoksu
047564	..	$\frac{1}{6}$	110	2400	49.00	Aokte
047565	..	$\frac{1}{6}$	220	2400	51.00	Aokup

These outfits consist of motor with tapered shaft extended one inch at both ends, special base with indicating switch, six feet of connecting leads and plug, together with two shaft attachments, one being straight with check plates and nut, the other tapered and threaded; also removing tool. No buffing or grinding wheels are furnished.

DOMESTIC BUFFING AND GRINDING MOTORS

Alternating Current Single Phase

Trade No.	Cycles	H. P.	Volts	Speed	Price Each	Code Word
047566	60	$\frac{1}{30}$	110	1800	\$28.40	Aokur
047567	60	$\frac{1}{30}$	220	1800	29.80	Aokwa
047568	40	$\frac{1}{30}$	110	2400	31.80	Aokyb
047569	40	$\frac{1}{30}$	220	2400	33.80	Aokyf
047570	25	$\frac{1}{40}$	110	1500	31.80	Aokyp
047571	25	$\frac{1}{40}$	220	1500	33.20	Aolab

Direct Current

047572	..	$\frac{1}{30}$	110	1700	27.50	Aolah
047573	..	$\frac{1}{30}$	220	1700	29.50	Aolaj

These outfits consist of totally enclosed motor with separable, straight shaft extension on one end only, $3\frac{1}{2}$ -inch rag buffing wheel and 3-inch emery grinding wheel.

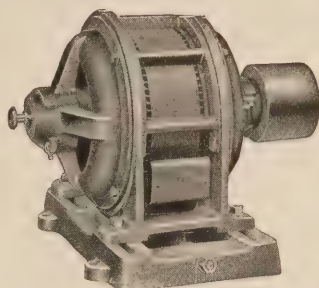
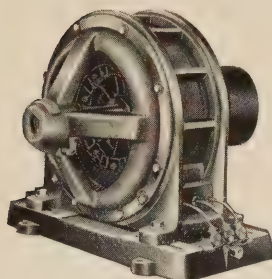
Connecting cord (7 ft.) and Edison plug \$1.50 extra.

Prices subject to change without notice.

G-E MOTORS

STANDARD POLYPHASE INDUCTION MOTORS TYPES K AND L

The following is a partial list of General Electric constant speed, belt drive, standard and semi-standard induction motors for use on two and three phase circuits of the voltages and frequencies given. Further data and prices on these motors may be obtained on application; other ratings and speeds are also available.



**25 H. P., Form K Skeleton
Frame Induction Motor**

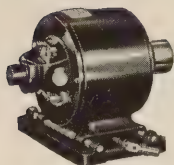
**15 H. P., 1200 R. P. M., 220 V.
Form L Skeleton Frame Motor**

60 CYCLES									
Trade No.	H. P.	Speed R.P.M.	Volts	Form*	Trade No.	H. P.	Speed R.P.M.	Volts	Form*
047386	1/4	1200	110-220	K	047404	10	900	110-220-440-550	KL
047387	1/2	1200	110-220	K	047405	10	1200	110-220-440-550	KL
047388	1 1/2	1800	110-220	K	047406	10	1800	110-220-440-550	K
047389	3 3/4	1200	110-220-440-550	K	047407	15	720	110-220-440-550	KL
047390	3 3/4	1800	110-220	K	047408	15	900	110-220-440-550	KL
047391	1	1200	110-220-440-550	K	047409	15	1200	110-220-440-550	KL
047392	1	1800	110-220-440-550	K	047410	15	1800	110-220-440-550	K
047393	1 1/2	1200	110-220-440-550	K	047411	20	720	110-220-440-550	KL
047394	1 1/2	1800	110-220-440-550	K	047412	20	900	110-220-440-550	KL
047395	2	1200	110-220-440-550	K	047413	20	1200	110-220-440-550	KL
047396	2	1800	110-220-440-550	K	047414	20	1800	110-220-440-550	K
047397	3	1200	110-220-440-550	K	047415	25	720	220-440-550	KL
047398	3	1800	110-220-440-550	K	047416	25	900	220-440-550	KL
047399	5	900	110-220-440-550	K	047417	25	1200	220-440-550	KL
047400	5	1200	110-220-440-550	K	047418	25	1800	220-440-550	K
047401	5	1800	110-220-440-550	KL	047419	35	720	220-440-550	KL
047402	7.5	900	110-220-440-550	K	047420	35	900	220-440-550	KL
047403	7.5	1200	110-220-440-550	K	047421	35	1200	220-440-550	KL
047423	7.5	1800	110-220-440-550	K	047422	35	1800	220-440-550	K
40 CYCLES									
047427	1/4	1200	110-220-440-550	K	047438	7 1/2	1200	220-440-550	K
047428	1/2	800	110-220-440-550	K	047440	10	800	220-440-550	KL
047429	1 1/2	1200	110-220-440-550	K	047441	10	1200	220-440-550	KL
047430	1	800	220-440-550	K	047442	12	800	220-440-550	KL
047431	1	1200	220-440-550	K	047443	12	1200	220-440-550	KL
047432	2	800	220-440-550	K	047444	15	800	220-440-550	KL
047433	2	1200	220-440-550	K	047445	17	1200	220-440-550	KL
047434	3	800	220-440-550	K	047446	22	1200	220-440-550	KL
047435	3	1200	220-440-550	K	047447	25	600	220-440-550	KL
047436	5	800	220-440-550	K	047448	30	800	220-440-550	KL
047437	5	1200	220-440-550	K	047449	35	600	220-440-550	KL
047424	7 1/2	800	220-440-550	K	047450	40	800	220-440-550	KL
25 CYCLES									
047451	1/4	750	110-220	K	047466	10	500	220-440-550	K
047452	1/4	1500	110-220	K	047467	10	750	220-440-550	K
047453	1 1/2	750	110-220	K	047468	10	1500	220-440-550	K
047454	1 1/2	1500	110-220	K	047469	15	500	220-440-550	K
047455	1	750	110-220-440-550	K	047470	15	750	220-440-550	K
047456	1	1500	110-220-440-550	K	047471	15	1500	220-440-550	K
047457	2	750	110-220-440-550	K	047472	20	500	220-440-550	K
047458	2	1500	110-220-440-550	K	047473	20	750	220-440-550	K
047459	3	750	110-220-440-550	K	047474	20	1500	220-440-550	K
047460	3	1500	110-220-440-550	K	047475	25	500	220-440-550	K
047461	5	750	110-220-440-550	K	047476	25	750	220-440-550	K
047462	5	1500	110-220-440-550	K	047477	25	1500	220-440-550	K
047463	7.5	500	220-440-550	K	047478	35	500	220-440-550	K
047464	7.5	750	220-440-550	K	047479	35	750	220-440-550	K
047465	7.5	1500	220-440-550	K	047480	35	1500	220-440-550	K

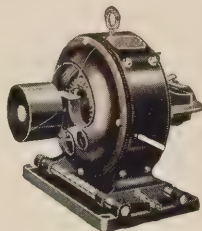
*Forms: K = Form K; L = Form L; KL = Made in both Forms K and L.

Form K motor has squirrel cage bar wound armature, and is for constant speed service. Form L motor, also for constant speed service, has insulated polar windings on the motor, and is provided with internal starting resistance. This motor should be used in preference to the Form K when it is desirable to closely preserve voltage regulation on circuits.

“STANDARD” MOTORS.



Standard Ventilated Protected Type Bi-Polar.
Frames Nos. $\frac{1}{4}$, $\frac{1}{2}$, and $\frac{3}{4}$.



Standard Ventilated Protected Type Multi-Polar.
Frames Nos. 1, $1\frac{1}{2}$, 2, 3, 4, 5, 6, $7\frac{1}{2}$, 10, and $12\frac{1}{2}$.

Trade No.	No. of Frame.	H. P. Open.	Speed		Std. Diam.	Pulley Face.	Weight		Pounds *Shipping Weight	Price Each			Code Word.
			110 and 220 V.	500 V.			With Base.	Without Base.		110 V.	220 V.	500 V.	
013594	$\frac{1}{4}$	$\frac{1}{4}$	1650	1650	3	$1\frac{1}{2}$	80	65	125	\$ 57.50	\$ 61.50	\$ 77.50	Ualug
013595	$\frac{1}{4}$	$\frac{1}{4}$	2200	2200	3	$1\frac{1}{2}$	80	65	125	60.00	64.00	80.00	Uisug
013596	$\frac{1}{2}$	$\frac{1}{4}$	800	850	4	2	95	83	145	70.00	74.00	92.50	Uuayg
013597	$\frac{1}{2}$	$\frac{1}{2}$	1600	1700	4	2	95	83	145	70.00	74.00	92.50	Uadyg
013598	$\frac{3}{4}$	$\frac{1}{2}$	1000	1100	4	$2\frac{1}{2}$	160	135	215	91.50	95.00	106.50	Uefyg
013599	$\frac{3}{4}$	$\frac{3}{4}$	1575	1750	4	$2\frac{1}{2}$	160	135	215	91.50	95.00	104.50	Uogyg
013600	1	$\frac{1}{2}$	750	825	5	$2\frac{1}{2}$	190	165	245	117.50	122.50	132.50	Ubyrg
013601	1	$\frac{3}{4}$	1100	1200	5	$2\frac{1}{2}$	190	165	245	117.50	122.50	132.50	Uugah
013602	1	1	1500	1600	5	$2\frac{1}{2}$	190	165	245	117.50	122.50	132.50	Uilah
013603	$1\frac{1}{2}$	$\frac{3}{4}$	700	800	5	3	220	200	285	132.50	140.00	150.00	Uanah
013604	$1\frac{1}{2}$	1	900	1000	5	3	220	200	285	132.50	140.00	150.00	Uetah
013605	$1\frac{1}{2}$	$1\frac{1}{2}$	1400	1500	5	3	220	200	285	132.50	140.00	150.00	Uouah
013606	$1\frac{1}{2}$	2	1800	1850	5	3	220	200	285	135.00	142.50	152.50	Uuxeh
013607	2	1	550	600	$5\frac{1}{2}$	$3\frac{1}{2}$	320	280	400	168.00	179.50	192.00	Ubigh
013608	2	$1\frac{1}{2}$	875	950	$5\frac{1}{2}$	$3\frac{1}{2}$	320	280	400	168.00	179.50	192.00	Uaugh
013609	2	2	1100	1200	$5\frac{1}{2}$	$3\frac{1}{2}$	320	280	400	170.00	175.00	192.50	Uujoh
013610	2	3	1600	1650	$5\frac{1}{2}$	$3\frac{1}{2}$	320	280	400	172.50	177.50	195.00	Uowoh
013611	3	2	800	1000	6	4	400	360	500	201.00	213.50	227.50	Uioxh
013612	3	3	1150	1350	6	4	400	360	500	204.00	213.50	227.50	Ueaph
013613	3	4	1600	1750	6	4	400	360	500	209.00	218.50	232.50	Udeph
013614	4	3	800	900	$6\frac{1}{2}$	4	600	543	700	265.00	267.50	280.00	Ubuph
013615	4	4	1000	1200	$6\frac{1}{2}$	4	600	543	700	272.00	276.00	286.00	Ubash
013616	4	5	1400	1500	$6\frac{1}{2}$	4	600	543	700	274.00	275.00	286.00	Uwesh
013617	5	5	900	975	7	$4\frac{1}{2}$	740	665	850	309.00	316.00	332.00	Uiath
013618	5	$7\frac{1}{2}$	1300	1400	7	$4\frac{1}{2}$	740	665	850	320.00	320.00	340.00	Ubeth
013619	$7\frac{1}{2}$	$7\frac{1}{2}$	900	1000	8	5	900	800	1060	387.00	376.00	398.00	Udith
013620	$7\frac{1}{2}$	10	1200	1300	8	5	900	800	1060	400.00	379.00	400.00	Uelth
013621	10	$7\frac{1}{2}$	750	750	9	6	1150	1050	1350	462.00	436.00	458.00	Uuwth
013622	10	10	1000	1000	9	6	1150	1050	1350	462.00	436.00	458.00	Uaguh
013623	$12\frac{1}{2}$	$12\frac{1}{2}$	850	1000	10	7	1200	1135	1410	494.00	472.00	485.00	Uomuh
013624	$12\frac{1}{2}$	15	1080	1200	10	7	1200	1135	1410	494.00	472.00	485.00	Uenuh

*Shipping Weight includes base and starting box.

The “Standard” Motor is intended to cover practically every class of service to which direct current motors of 15 horse-power and below can be applied. Practically every frame in the line has been designed with a view to a certain class of service. The number of frames offered is therefore quite large, and this is particularly true of frames rated below 1 horse-power. Conditions under which motors operate differ so widely, that it is best to select a motor properly designed for the particular purposes for which it is to be used.

WOVEN WIRE BRUSHES

BRONZE BRUSHES

6 Inches Long

Trade No.	Size, INCHES Thick Width	Price Each	Code Word	Trade No.	Size, INCHES Thick Width	Price Each	Code Word
09019	$\frac{3}{16}$ $\frac{1}{2}$	\$0.65	Jotov	09037	$\frac{1}{4}$ $\frac{3}{4}$	\$0.90	Jubyx
09020	$\frac{3}{16}$ $\frac{3}{4}$	.70	Jiluv	09038	$\frac{1}{4}$ $\frac{7}{8}$	.95	Jojyv
09021	$\frac{3}{16}$ 1	.85	Jaasuv	09039	$\frac{1}{4}$ 1	1.00	Jesyv
09023	$\frac{1}{4}$ $\frac{1}{2}$	.70	Jetuv	.....	.. ...	....	.....

8 Inches Long

09022	$\frac{1}{4}$ $1\frac{1}{4}$	1.45	Jikaw	09040	$\frac{7}{16}$ $1\frac{1}{4}$	1.90	Jimax
09024	$\frac{1}{4}$ $1\frac{1}{4}$	1.70	Junaw	09041	$\frac{7}{16}$ $1\frac{1}{2}$	2.20	Jboax
09025	$\frac{5}{16}$ 1	1.40	Jepaw	09042	$\frac{7}{16}$ $1\frac{3}{4}$	2.40	Jupax
09026	$\frac{5}{16}$ $1\frac{1}{4}$	1.60	Julew	09043	$\frac{7}{16}$ $1\frac{7}{8}$	2.55	Jotax
09027	$\frac{5}{16}$ $1\frac{3}{8}$	1.80	Jimew	09044	$\frac{7}{16}$ 2	2.70	Jebex
09028	$\frac{5}{16}$ $1\frac{3}{4}$	2.00	Jenew	09045	$\frac{1}{2}$ $1\frac{1}{8}$	1.90	Judex
09029	$\frac{5}{16}$ $1\frac{7}{8}$	2.10	Japew	09046	$\frac{1}{2}$ $1\frac{5}{16}$	2.30	Jojax
09030	$\frac{3}{8}$ 1	1.60	Jovew	09047	$\frac{1}{2}$ $1\frac{1}{2}$	2.50	Jitex
09031	$\frac{3}{8}$ $1\frac{1}{4}$	1.80	Jumiw	09048	$\frac{1}{2}$ $1\frac{3}{4}$	2.70	Javex
09032	$\frac{3}{8}$ $1\frac{1}{2}$	1.90	Jofow	09049	$\frac{1}{2}$ 2	2.90	Jbaix
09033	$\frac{3}{8}$ $1\frac{3}{4}$	2.00	Jajow	09050	$\frac{1}{2}$ $2\frac{1}{4}$	3.25	Jobix
09034	$\frac{3}{8}$ $1\frac{7}{8}$	2.20	Jemow	09051	$\frac{5}{8}$ $1\frac{7}{8}$	3.00	Jefix
09035	$\frac{3}{8}$ 2	2.35	Jajax	09052	$\frac{5}{8}$ 2	3.25	Jwunx
09036	$\frac{3}{8}$ $2\frac{1}{8}$	2.50	Jalax	.....	.. ...	....	.....

COPPER BRUSHES

6 Inches Long

044477	$\frac{3}{16}$ $1\frac{1}{2}$	.40	Jaaja	044495	$\frac{1}{4}$ $\frac{3}{4}$	.58	Jaabob
044478	$\frac{3}{16}$ $\frac{3}{4}$	.50	Jaaje	044496	$\frac{1}{4}$ $\frac{7}{8}$	.64	Jaaoag
044479	$\frac{3}{16}$ 1	.60	Jaaka	044497	$\frac{1}{4}$ 1	.66	Jaaoov
044480	$\frac{1}{4}$ $\frac{1}{2}$	.52	Jaako	.....	.. ...	....	.....

8 Inches Long

044481	$\frac{1}{4}$ $1\frac{1}{4}$	.76	Jaakt	044498	$\frac{7}{16}$ $1\frac{1}{4}$	1.23	Jaape
044482	$\frac{1}{4}$ $1\frac{1}{2}$	.88	Jaala	044499	$\frac{7}{16}$ $1\frac{1}{2}$	1.44	Jaaph
044483	$\frac{5}{16}$ 1	.75	Jaalb	044500	$\frac{7}{16}$ $1\frac{3}{4}$	1.88	Jaapu
044484	$\frac{5}{16}$ $1\frac{1}{4}$	.90	Jaald	044501	$\frac{7}{16}$ $1\frac{7}{8}$	1.94	Jaara
044485	$\frac{5}{16}$ $1\frac{1}{2}$	1.08	Jaale	044502	$\frac{7}{16}$ 2	2.07	Jaarf
044486	$\frac{5}{16}$ $1\frac{3}{4}$	1.30	Jaaln	044503	$\frac{1}{2}$ $1\frac{1}{8}$	1.44	Jaarg
044487	$\frac{5}{16}$ $1\frac{7}{8}$	1.38	Jaals	044504	$\frac{1}{2}$ $1\frac{5}{8}$	1.67	Jaaru
044488	$\frac{3}{8}$ 1	.88	Jaamb	044505	$\frac{1}{2}$ $1\frac{1}{2}$	1.80	Jaash
044489	$\frac{3}{8}$ $1\frac{1}{4}$	1.08	Jaame	044506	$\frac{1}{2}$ $1\frac{3}{4}$	2.07	Jaasu
044490	$\frac{3}{8}$ $1\frac{1}{2}$	1.32	Jaamp	044507	$\frac{1}{2}$ 2	2.35	Jaath
044491	$\frac{3}{8}$ $1\frac{3}{4}$	1.56	Jaamu	044508	$\frac{1}{2}$ $2\frac{1}{4}$	2.75	Jaats
044492	$\frac{3}{8}$ $1\frac{7}{8}$	1.65	Jaani	044509	$\frac{5}{8}$ $1\frac{7}{8}$	2.76	Jaauc
044493	$\frac{3}{8}$ 2	1.78	Jaano	044510	$\frac{5}{8}$ 2	2.96	Jaaug
044494	$\frac{3}{8}$ $2\frac{1}{8}$	1.98	Jaant	.....	.. ...	....	.....

TEMPERED BRUSH COPPER

Trade No.	No. B. & S. Gauge	Price per Lb.	Code Word	Trade No.	No. B. & S. Gauge	Price per Lb.	Code Word
044511	20	\$0.66	Jaaok	044520	29	\$0.80	Jabat
044512	21	.67	Jaaum	044521	30	.82	Jabba
044513	22	.68	Jaaur	044522	31	.85	Jabbk
044514	23	.69	Jaayg	044523	32	.88	Jabbo
044515	24	.70	Jaayl	044524	33	.91	Jabca
044516	25	.72	Jabad	044525	34	.94	Jabcu
044517	26	.74	Jabaf	044526	35	.97	Jabde
044518	27	.76	Jabap	044527	36	1.00	Jabdo
044519	28	.78	Jabar	.....	..	....	.....

CARBON BRUSHES, REGULAR GRADES

Double Prices for Long Life Grades; Triple Prices for Special Grades

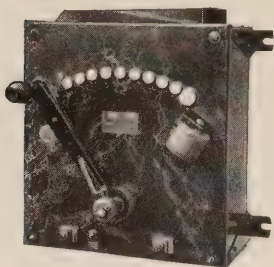
1/4-INCH THICK				3/8-INCH THICK				1/2-INCH THICK				5/8-INCH THICK			
Trade No.	Size Inches	Price per 100		Trade No.	Size Inches	Price per 100		Trade No.	Size Inches	Price per 100		Trade No.	Size Inches	Price per 100	
077001	1 x 1/2	\$3.30		077066	1 x 1/2	\$3.30		077131	1 x 1/2	\$3.30		077196	1 x 3/4	\$3.65	
077002	1 x 3/4	3.30		077067	1 x 3/4	3.30		077132	1 x 3/4	3.65		077197	1 x 1	4.05	
077003	1 x 1	3.30		077068	1 x 1	3.65		077133	1 x 1	3.65		077198	1 1/2 x 3/4	4.05	
077004	1 1/2 x 1/2	3.30		077069	1 1/2 x 1/2	3.30		077134	1 1/2 x 1/2	3.65		077199	1 1/2 x 1	4.40	
077005	1 1/2 x 3/4	3.30		077070	1 1/2 x 3/4	3.65		077135	1 1/2 x 3/4	4.05		077200	1 1/2 x 1 1/4	4.40	
077006	1 1/2 x 1	3.65		077071	1 1/2 x 1	4.05		077136	1 1/2 x 1	4.05		077201	1 1/2 x 1 1/2	4.40	
077007	1 1/2 x 1 1/4	3.65		077072	1 1/2 x 1 1/4	4.05		077137	1 1/2 x 1 1/4	4.40		077202	2 x 3/4	4.40	
077008	1 1/2 x 1 1/2	4.05		077073	1 1/2 x 1 1/2	4.40		077138	1 1/2 x 1 1/2	4.40		077203	2 x 1	4.40	
077009	2 x 1/2	3.30		077074	2 x 1/2	3.65		077139	2 x 1/2	3.65		077204	2 x 1 1/4	4.40	
077010	2 x 3/4	3.65		077075	2 x 3/4	4.05		077140	2 x 3/4	4.05		077205	2 x 1 1/2	4.40	
077011	2 x 1	3.65		077076	2 x 1	4.05		077141	2 x 1	4.40		077206	2 x 1 3/4	4.80	
077012	2 x 1 1/4	4.05		077077	2 x 1 1/4	4.40		077142	2 x 1 1/4	4.40		077207	2 x 2	5.50	
077013	2 x 1 1/2	4.05		077078	2 x 1 1/2	4.40		077143	2 x 1 1/2	4.40		077208	2 1/2 x 3/4	4.40	
077014	2 x 1 3/4	4.40		077079	2 x 1 3/4	4.40		077144	2 x 1 3/4	4.40		077209	2 1/2 x 1	4.40	
077015	2 x 2	4.40		077080	2 x 2	4.40		077145	2 x 2	4.85		077210	2 1/2 x 1 1/4	4.40	
077016	2 1/2 x 1/2	3.30		077081	2 1/2 x 1/2	3.65		077146	2 1/2 x 1/2	4.05		077211	2 1/2 x 1 1/2	5.15	
077017	2 1/2 x 3/4	3.65		077082	2 1/2 x 3/4	4.05		077147	2 1/2 x 3/4	4.40		077212	2 1/2 x 2	6.05	
077018	2 1/2 x 1	4.05		077083	2 1/2 x 1	4.40		077148	2 1/2 x 1	4.40		077213	2 1/2 x 2	6.90	
077019	2 1/2 x 1 1/4	4.05		077084	2 1/2 x 1 1/4	4.40		077149	2 1/2 x 1 1/4	4.40		077214	2 1/2 x 2 1/4	7.75	
077020	2 1/2 x 1 1/2	4.40		077085	2 1/2 x 1 1/2	4.40		077150	2 1/2 x 1 1/2	4.55		077215	2 1/2 x 2 1/2	8.60	
077021	2 1/2 x 1 3/4	4.40		077086	2 1/2 x 1 3/4	4.60		077151	2 1/2 x 1 3/4	5.30		077216	3 x 1	4.40	
077022	2 1/2 x 2	4.40		077087	2 1/2 x 2	5.25		077152	2 1/2 x 2	6.05		077217	3 x 1 1/4	5.30	
077023	2 1/2 x 2 1/4	4.95		077088	2 1/2 x 2 1/4	5.90		077153	2 1/2 x 2 1/4	6.80		077218	3 x 1 1/2	6.20	
077024	2 1/2 x 2 1/2	5.50		077089	2 1/2 x 2 1/2	6.55		077154	2 1/2 x 2 1/2	7.55		077219	3 x 1 3/4	7.20	
077025	3 x 1	4.05		077090	3 x 1	4.40		077155	3 x 1	4.40		077220	3 x 2	8.25	
077026	3 x 1 1/4	4.40		077091	3 x 1 1/4	4.55		077156	3 x 1 1/4	4.95		077221	3 x 2 1/4	9.30	
077027	3 x 1 1/2	4.40		077092	3 x 1 1/2	4.70		077157	3 x 1 1/2	5.45		077222	3 x 2 1/2	10.30	
077028	3 x 1 3/4	4.85		077093	3 x 1 3/4	5.50		077158	3 x 1 3/4	6.35		077223	3 x 3	12.40	
077029	3 x 2	5.30		077094	3 x 2	6.30		077159	3 x 2	7.25		077224	3 1/2 x 1	5.15	
077030	3 x 2 1/4	5.95		077095	3 x 2 1/4	7.05		077160	3 x 2 1/4	8.15		077225	3 1/2 x 1 1/4	6.20	
077031	3 x 2 1/2	6.60		077096	3 x 2 1/2	7.85		077161	3 x 2 1/2	9.10		077226	3 1/2 x 1 1/2	7.20	
077032	3 x 3	7.90		077097	3 x 3	9.45		077162	3 x 3	10.90		077227	3 1/2 x 1 3/4	8.45	
077033	3 1/2 x 1	4.65		077098	3 1/2 x 1	5.15		077163	3 1/2 x 1	5.15		077228	3 1/2 x 2	9.65	
077034	3 1/2 x 1 1/4	4.95		077099	3 1/2 x 1 1/4	5.35		077164	3 1/2 x 1 1/4	5.75		077229	3 1/2 x 2 1/4	10.80	
077035	3 1/2 x 1 1/2	5.15		077100	3 1/2 x 1 1/2	5.50		077165	3 1/2 x 1 1/2	6.35		077230	3 1/2 x 2 1/2	12.05	
077036	3 1/2 x 1 3/4	5.65		077101	3 1/2 x 1 3/4	6.40		077166	3 1/2 x 1 3/4	7.40		077231	3 1/2 x 3	14.45	
077037	3 1/2 x 2	6.15		077102	3 1/2 x 2	7.35		077167	3 1/2 x 2	8.45		077232	3 1/2 x 3 1/2	16.85	
077038	3 1/2 x 2 1/4	6.95		077103	3 1/2 x 2 1/4	8.25		077168	3 1/2 x 2 1/4	9.55		077233	4 x 1	5.90	
077039	3 1/2 x 2 1/2	7.70		077104	3 1/2 x 2 1/2	9.20		077169	3 1/2 x 2 1/2	10.60		077234	4 x 1 1/4	7.10	
077040	3 1/2 x 3	9.25		077105	3 1/2 x 3	11.00		077170	3 1/2 x 3	12.70		077235	4 x 1 1/2	8.25	
077041	3 1/2 x 3 1/2	10.80		077106	3 1/2 x 3 1/2	12.85		077171	3 1/2 x 3 1/2	14.85		077236	4 x 1 3/4	9.65	
077042	4 x 1	5.30		077107	4 x 1	5.90		077172	4 x 1	5.90		077237	4 x 2	11.00	
077043	4 x 1 1/4	5.60		077108	4 x 1 1/4	6.10		077173	4 x 1 1/4	6.55		077238	4 x 2 1/4	12.40	
077044	4 x 1 1/2	5.90		077109	4 x 1 1/2	6.30		077174	4 x 1 1/2	7.25		077239	4 x 2 1/2	13.75	
077045	4 x 1 3/4	6.50		077110	4 x 1 3/4	7.35		077175	4 x 1 3/4	8.45		077240	4 x 3	16.50	
077046	4 x 2	7.05		077111	4 x 2	8.40		077176	4 x 2	9.70		077241	4 x 3 1/2	19.25	
077047	4 x 2 1/4	7.90		077112	4 x 2 1/4	9.45		077177	4 x 2 1/4	10.90		077242	4 x 4	22.00	
077048	4 x 2 1/2	8.80		077113	4 x 2 1/2	10.45		077178	4 x 2 1/2	12.10		077243	4 1/2 x 1	6.65	
077049	4 x 3	10.55		077114	4 x 3	12.60		077179	4 x 3	14.50		077244	4 1/2 x 1 1/2	9.30	
077050	4 x 3 1/2	12.30		077115	4 x 3 1/2	14.65		077180	4 x 3 1/2	16.95		077245	4 1/2 x 2	12.40	
077051	4 x 4	14.10		077116	4 x 4	16.75		077181	4 x 4	19.35		077246	4 1/2 x 2 1/2	15.50	
077052	4 1/2 x 1	6.15		077117	4 1/2 x 1	6.65		077182	4 1/2 x 1	6.65		077247	4 1/2 x 3	18.55	
077053	4 1/2 x 1 1/2	6.65		077118	4 1/2 x 1 1/2	7.10		077183	4 1/2 x 1 1/2	8.15		077248	4 1/2 x 3 1/2	21.65	
077054	4 1/2 x 2	7.90		077119	4 1/2 x 2	9.45		077184	4 1/2 x 2	10.90		077249	4 1/2 x 4	24.75	
077055	4 1/2 x 2 1/2	9.90		077120	4 1/2 x 2 1/2	11.80		077185	4 1/2 x 2 1/2	13.60		077250	5 x 1	7.40	
077056	4 1/2 x 3	11.90		077121	4 1/2 x 3	14.15		077186	4 1/2 x 3	16.35		077251	5 x 1 1/2	10.30	
077057	4 1/2 x 3 1/2	13.85		077122	4 1/2 x 3 1/2	16.50		077187	4 1/2 x 3 1/2	19.05		077252	5 x 2	13.75	
077058	4 1/2 x 4	15.85		077123	4 1/2 x 4	18.85		077188	4 1/2 x 4	21.80		077253	5 x 2 1/2	17.20	
077059	5 x 1	7.05		077124	5 x 1	7.40		077189	5 x 1	7.40		077254	5 x 3	20.65	
077060	5 x 1 1/2	7.40		077125	5 x 1 1/2	7.85		077190	5 x 1 1/2	9.10		077255	5 x 3 1/2	24.05	
077061	5 x 2	8.80		077126	5 x 2	10.45		077191	5 x 2	12.10		077256	5 x 4	27.50	
077062	5 x 2 1/2	11.00		077127	5 x 2 1/2	13.10		077192	5 x 2 1/2	15.10		.....	.....	.....
077063	5 x 3	13.20		077128	5 x 3	15.70		077193	5 x 3	18.10		.....	.....	.....
077064	5 x 3 1/2	15.40		077129	5 x 3 1/2	18.35		077194	5 x 3 1/2	21.20		.....	.....	.....
077065	5 x 4	17.60		077130	5 x 4	20.95		077195	5 x 4	24.20		.....	.....	.....

CARBON BRUSHES, REGULAR GRADES

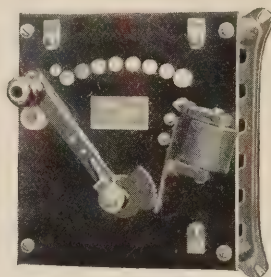
Double Prices for Long Life Grades; Triple Prices for Special Grades

¼-INCH THICK			⅜-INCH THICK			1-INCH THICK			1½-INCH THICK		
Trade No.	Size Inches	Price per 100	Trade No.	Size Inches	Price per 100	Trade No.	Size Inches	Price per 100	Trade No.	Size Inches	Price per 100
077257	1 x ¾	\$4.05	077318	1 x1	\$4.40	077375	1 x1	\$4.40	077432	1½x1¼	\$4.40
077258	1 x1	4.05	077319	1½x1	4.40	077376	1½x1	4.40	077433	1½x1½	4.75
077259	1½x ¾	4.40	077320	1½x1½	4.40	077377	1½x1½	4.40	077434	2 x1¼	5.25
077260	1½x1	4.40	077321	1½x1½	4.40	077378	1½x1½	4.40	077435	2 x1½	6.30
077261	1½x1½	4.40	077322	2 x1	4.40	077379	2 x1	4.40	077436	2 x1¾	7.35
077262	1½x1¾	4.40	077323	2 x1½	4.40	077380	2 x1½	4.40	077437	2 x2	8.45
077263	2 x ¾	4.40	077324	2 x1½	5.25	077381	2 x1½	5.75	077438	2½x1¼	6.60
077264	2 x1	4.40	077325	2 x1¾	6.15	077382	2 x1¾	6.70	077439	2½x1½	7.90
077265	2 x1¼	4.40	077326	2 x2	7.00	077383	2 x2	7.65	077440	2½x1¾	9.20
077266	2 x1½	4.70	077327	2½x1	4.40	077384	2½x1	4.80	077441	2½x2	10.50
077267	2 x1¾	5.50	077328	2½x1½	5.50	077385	2½x1½	6.00	077442	2½x2½	11.85
077268	2 x2	6.25	077329	2½x1½	6.60	077386	2½x1½	7.15	077443	2½x2½	13.15
077269	2½x ¾	4.40	077330	2½x1¾	7.65	077387	2½x1¾	8.40	077444	3 x1¼	7.90
077270	2½x1	4.40	077331	2½x2	8.75	077388	2½x2	9.60	077445	3 x1½	9.45
077271	2½x1¼	4.90	077332	2½x2¼	9.85	077389	2½x2¼	10.75	077446	3 x1¾	11.05
077272	2½x1½	5.85	077333	2½x2½	10.95	077390	2½x2½	11.95	077447	3 x2	12.65
077273	2½x1¾	6.85	077334	3 x1	5.25	077391	3 x1	5.75	077448	3 x2¼	14.20
077274	2½x2	7.85	077335	3 x1½	6.55	077392	3 x1½	7.20	077449	3 x2½	15.75
077275	2½x2¼	8.80	077336	3 x1¾	7.90	077393	3 x1¾	8.60	077450	3 x3	18.95
077276	2½x2½	9.80	077337	3 x1¾	9.20	077394	3 x1¾	10.50	077451	3½x1¼	9.20
077277	3 x1	4.70	077338	3 x2	10.50	077395	3 x2	11.50	077452	3½x1½	11.05
077278	3 x1¼	5.85	077339	3 x2¼	11.85	077396	3 x2¼	12.95	077453	3½x1¾	12.90
077279	3 x1½	7.05	077340	3 x2½	13.15	077397	3 x2½	14.35	077454	3½x2	14.70
077280	3 x1¾	8.25	077341	3 x3	15.75	077398	3 x3	17.25	077455	3½x2¼	16.55
077281	3 x2	9.40	077342	3½x1	6.15	077399	3½x1	6.70	077456	3½x2½	18.40
077282	3 x2¼	10.60	077343	3½x1¼	7.65	077400	3½x1¼	8.35	077457	3½x3	22.10
077283	3 x2½	11.15	077344	3½x1½	9.20	077401	3½x1½	10.05	077458	3½x3½	25.75
077284	3 x3	14.10	077345	3½x1¾	10.75	077402	3½x1¾	11.75	077459	4 x1¼	10.50
077285	3½x1	5.45	077346	3½x2	12.25	077403	3½x2	13.40	077460	4 x1½	12.65
077286	3½x1¼	6.85	077347	3½x2¼	13.70	077404	3½x2¼	15.05	077461	4 x1¾	14.75
077287	3½x1½	8.25	077348	3½x2½	15.35	077405	3½x2½	16.75	077462	4 x2	16.85
077288	3½x1¾	9.60	077349	3½x3	18.40	077406	3½x3	20.10	077463	4 x2¼	18.95
077289	3½x2	11.00	077350	3½x3½	21.45	077407	3½x3½	23.45	077464	4 x2½	21.05
077290	3½x2¼	12.35	077351	4 x1	7.00	077408	4 x1	7.65	077465	4 x3	25.25
077291	3½x2½	13.75	077352	4 x1½	8.75	077409	4 x1½	9.55	077466	4 x3½	29.45
077292	3½x3	16.45	077353	4 x1¾	10.50	077410	4 x1¾	11.50	077467	4 x4	33.65
077293	3½x3½	19.20	077354	4 x1¾	12.25	077411	4 x1¾	13.40	077468	4½x1½	14.20
077294	4 x1	6.25	077355	4 x2	14.00	077412	4 x2	15.30	077469	4½x2	18.95
077295	4 x1¼	7.85	077356	4 x2¼	15.75	077413	4 x2¼	17.25	077470	4½x2½	23.65
077296	4 x1½	9.40	077357	4 x2½	17.50	077414	4 x2½	19.15	077471	4½x3	28.40
077297	4 x1¾	11.00	077358	4 x3	21.05	077415	4 x3	22.95	077472	4½x3½	33.15
077298	4 x2	12.55	077359	4 x3½	24.55	077416	4 x3½	26.80	077473	4½x4	37.85
077299	4 x2¼	14.10	077360	4 x4	28.05	077417	4 x4	30.60	077474	5 x1½	15.75
077300	4 x2½	15.70	077361	4½x1	7.90	077418	4½x1	8.60	077475	5 x2	21.05
077301	4 x3	18.80	077362	4½x1½	11.85	077419	4½x1½	12.90	077476	5 x2½	26.30
077302	4 x3½	21.95	077363	4½x2	15.80	077420	4½x2	17.25	077477	5 x3	31.55
077303	4 x4	25.10	077364	4½x2½	19.70	077421	4½x2½	21.55	077478	5 x3½	36.80
077304	4½x1	7.05	077365	4½x3	23.65	077422	4½x3	25.85	077479	5 x4	42.10
077305	4½x1¼	10.60	077366	4½x3½	27.60	077423	4½x3½	30.15	.....	.....	.....
077306	4½x2	14.10	077367	4½x4	31.55	077424	4½x4	34.45	.....	.....	.....
077307	4½x2½	17.65	077368	5 x1	8.75	077425	5 x1	9.55	.....	.....	.....
077308	4½x3	21.15	077369	5 x1½	13.15	077426	5 x1½	14.35	.....	.....	.....
077309	4½x3½	24.70	077370	5 x2	17.50	077427	5 x2	19.15	.....	.....	.....
077310	4½x4	28.25	077371	5 x2½	21.90	077428	5 x2½	23.95	.....	.....	.....
077311	5 x1	7.85	077372	5 x3	26.25	077429	5 x3	28.70	.....	.....	.....
077312	5 x1½	11.75	077373	5 x3½	30.65	077430	5 x3½	33.50	.....	.....	.....
077313	5 x2	15.70	077374	5 x4	35.05	077431	5 x4	38.30	.....	.....	.....
077314	5 x2½	19.60	.....	.....	.....	.....	.....	.....	.....	.....	.....
077315	5 x3	23.50	.....	.....	.....	.....	.....	.....	.....	.....	.....
077316	5 x3½	27.45	.....	.....	.....	.....	.....	.....	.....	.....	.....
077317	5 x4	31.35	.....	.....	.....	.....	.....	.....	.....	.....	.....

C-H MOTOR STARTERS AND REGULATORS



Motor-Starting Rheostat—No Voltage Release



Motor Speed-Regulator—Automatic Release

MOTOR STARTING RHEOSTATS

H. P.	125 Volts			240 Volts			500 Volts		
	Price Each	Style Front	Code Word	Price Each	Style Front	Code Word	Price Each	Style Front	Code Word
$\frac{1}{4}$	\$5.00	A-A	Axoku	\$5.00	A-A	Axors	\$5.50	A-A	Axpef
$\frac{1}{2}$	6.60	A-A	Axolb	6.60	A-A	Axost	7.00	A-A	Axpem
1	6.60	A	Axolf	6.60	A	Axouc	7.00	A	Axpes
2	6.60	A	Axolp	6.60	A	Axous	7.00	A	Axpev
3	7.30	A	Axolt	7.30	A	Axowl	7.50	A	Axpew
4	12.00	B	Axomb	9.00	A	Axoxa	9.00	A	Axpfe
5	12.20	B	Axomp	11.00	A	Axoxe	11.00	A	Axpgi
$7\frac{1}{2}$	19.40	B	Axond	14.00	B	Axoym	14.00	B	Axpgu
10	23.20	C	Axong	16.00	B	Axoyo	16.00	B	Axpha
15	30.00	C	Axook	22.00	B	Axpac	22.00	B	Axphi
20	33.00	C	Axoom	30.00	C	Axpaj	27.00	B	Axpip
25	39.00	D	Axopa	33.00	C-D	Axpan	30.00	C	Axpja
30	44.00	D	Axopp	39.00	C-D	Axpaw	36.00	C-D	Axpka
35	48.00	D	Axorb	42.00	C-D	Axpax	42.00	C-D	Axpla
40	90.00	M-S	Axork	48.00	D	Axpbu	48.00	C-D	Axplu
50	110.00	M-S	Axorn	60.00	D	Axpdo	60.00	D	Axpmh

Cut shows Style A front. Write for prices on starters above 50 H. P. Ask for Bulletin No. 10.

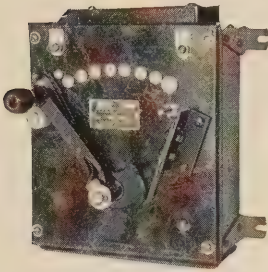
Rheostat with unit type moisture proof resistance at slight advance in prices. Ask for Bulletin No. 13.

MOTOR SPEED REGULATORS

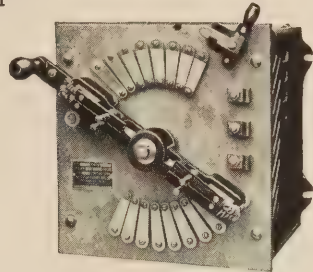
H. P.	120 Volts		220 Volts		500 Volts		Code Word for H. P.
	Ventilating Fan Type	Machine Type	Ventilating Fan Type	Machine Type	Ventilating Fan Type	Machine Type	
$\frac{1}{4}$	\$10.00	\$10.00	\$10.00	\$10.00	\$11.00	\$11.00	Axpmh
$\frac{1}{2}$	11.00	11.00	11.00	11.00	12.00	12.00	Axpna
1	13.00	18.00	13.00	18.00	13.00	18.00	Axpne
2	20.00	25.00	20.00	25.00	20.00	25.00	Axpni
3	25.00	30.00	25.00	30.00	25.00	30.00	Axpno
5	38.00	40.00	38.00	50.00	50.00	50.00	Axpnu
$7\frac{1}{2}$	50.00	50.00	50.00	62.00	60.00	62.00	Axpob
10	65.00	65.00	65.00	65.00	75.00	85.00	Axpog
15	90.00	90.00	70.00	70.00	92.00	102.00	Axpol
20	105.00	115.00	90.00	100.00	110.00	120.00	Axpot
25	135.00	135.00	130.00	130.00	130.00	130.00	Axpox
30	150.00	150.00	140.00	140.00	140.00	140.00	Axppe
35	180.00	180.00	180.00	180.00	180.00	180.00	Axppe
40	220.00	220.00	200.00	200.00	200.00	200.00	Axppe
50	270.00	270.00	250.00	250.00	250.00	250.00	Axppe
Code Word for Style	Axucu	Axudd	Axude	Axudo	Axudu	Axuef	

All speed regulators above 5 H. P. 110 volts, 10 H. P. 220 volts, and 15 H. P. 500 volts, are equipped with renewable segments. Smaller sizes have button contacts, but if desired renewable segments will be furnished at an additional cost. Ask for Bulletin 40.

C-H MOTOR STARTERS FOR ALTERNATING CURRENT



Single Phase Motor Starter



Polyphase Motor Starter

PRIMARY RESISTANCE STARTERS

For Single Phase A. C. Self-Starting Motors

H. P.	Without Automatic No-Voltage Release		With Automatic No-Voltage Release		Code Word for H. P.	
	60 CYCLES 110 Volts	220 Volts	133 CYCLES 110 Volts	220 Volts	60 CYCLES 110 Volts	220 Volts
1	\$7.60	\$7.60	\$7.60	\$7.60	\$15.60	\$15.60
1½	7.60	7.60	7.60	7.60	15.60	15.60
2	7.60	7.60	12.20	9.10	15.60	15.60
3	12.20	9.10	14.00	13.20	20.20	17.10
4	13.00	10.20	22.40	14.60	21.00	18.20
5	14.00	13.20	22.40	14.60	22.00	21.20
7½	22.40	14.60	24.40	15.80	30.40	22.60
10	24.40	15.80	28.00	23.60	32.40	23.80
12½	28.00	23.60	42.50	26.80	36.00	31.60
15	42.50	26.80	42.50	36.00	54.50	34.80
20	42.50	36.00	74.00	36.00	54.50	48.00
25	74.00	36.00	74.00	42.00	94.00	48.00
30	80.00	42.00	.....	.....	100.00	54.00
35	84.00	42.00	.....	.....	104.00	54.00
Code Word for Style	Axnpu	Axnro	Axnsk	Axnsi	Axnte	Axnuf

These starting Rheostats are designed for use with single phase self-starting motors operating on either a 110-volt circuit of 60 or 133 cycles, or on a 220-volt circuit of the same frequencies. The resistance used is of the ventilated, tubular type, and is so arranged as to eliminate the effect of inductance and consequently to provide the highest possible power factor obtainable in starters of this type.

The lever must be moved from one extreme position to the other without more than a slight pause at any intermediate point. Should the operator release the lever on one of the intermediate contacts, it would instantly be thrown to the off position by a strong spring coiled about the hub of the lever for the express purpose of guarding against this contingency.

In the full on position, the lever is prevented from flying back to the off position by a spring pawl which engages a notch in the fan tail of the lever. In the larger sizes of starting rheostats, this spring pawl is replaced by a latching device. In these types, renewable contact segments are employed instead of the contact buttons used with the smaller sizes.

STARTERS FOR A. C. SLIP RING MOTORS

Controls Resistance in Rotor Circuit

H. P.	Style	Price Each	Code Word	H. P.	Style	Price Each	Code Word	H. P.	Style	Price Each	Code Word
3	B	\$44.00	Axnlx	15	B	\$58.00	Axnol	30	C	\$80.00	Axnox
5	B	48.00	Axnoa	20	B	60.00	Axnon	40	C	90.00	Axnpa
7½	B	50.00	Axnoc	25	B	65.00	Axnov	50	C	100.00	Axnpt
10	B	54.00	Axnod	..	..	.....	....	..	..	.....	....

Note: Motor data must not exceed the following:

B—75 amperes or 180 volts.

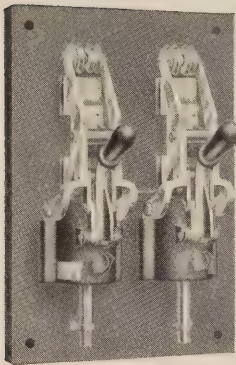
C—150 amperes or 240 volts.

These starters are convenient and easily operated. Can be mounted on the wall or other handy location. The resistance is mounted on the rear of the face and therefore no extra wiring is needed as in the case where the resistance is mounted separately. The only wiring required is to connect the slip rings of the motor to the three terminals on the face plate. The contact segments are of hard drawn copper and can be easily replaced or interchanged without interfering with any interior connection. The resistance is cut out equally in all phases insuring balanced conditions.

CONDIT CIRCUIT BREAKERS

CARBON BREAK, PLAIN OVERLOAD, DIRECT CURRENT

TYPE K, 600, 440, 220, 110 VOLTS OR LESS



Type K

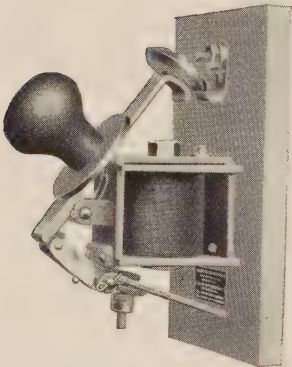
Form	Cap. Amp. Cont. Duty	Single-Pole		Double-Pole		Triple-Pole	
		Trade No.	Price Each	Trade No.	Price Each	Trade No.	Price Each
KL	5	041727	\$30.00	041751	\$65.00	041775	\$95.00
KL	10	041728	30.00	041752	65.00	041776	95.00
KL	20	041729	30.00	041753	65.00	041777	95.00
KL	30	041730	32.00	041754	69.00	041778	106.00
KL	45	041731	32.00	041755	69.00	041779	106.00
KL	60	041732	35.00	041756	75.00	041780	115.00
KL	80	041733	35.00	041757	75.00	041781	115.00
KL	100	041734	40.00	041758	85.00	041782	130.00
KL	150	041735	40.00	041759	85.00	041783	130.00
KL	200	041736	50.00	041760	105.00	041784	160.00
M	300	041737	58.00	041761	116.00	041785	174.00
M	400	041738	64.00	041762	128.00	041786	192.00
M	500	041739	100.00	041763	200.00	041787	300.00
M	600	041740	114.00	041764	228.00	041788	342.00
N	700	041741	122.00	041765	244.00	041789	366.00
N	800	041742	130.00	041766	260.00	041790	390.00
N	1000	041743	140.00	041767	280.00	041791	420.00
O	1200	041744	160.00	041768	320.00	041792	480.00
O	1500	041745	200.00	041769	400.00	041793	600.00
P	2000	041746	360.00	041770	720.00	041794	1080.00
P	2500	041747	420.00	041771	840.00	041795	1260.00
Q	3000	041748	465.00	041772	930.00	.....	.....
Q	4000	041749	550.00	041773	1100.00	.....	.....
Q	5000	041750	800.00	041774	1600.00	.....	.....

The standard finish is: casing, all dead black; contacts and other metal parts, polished copper. Special finishes furnished at a small advance in price.

Unless otherwise ordered, breakers will be furnished back connected with long enough screws and studs for mounting on 2-inch switchboard.

Prices on special breakers on application.

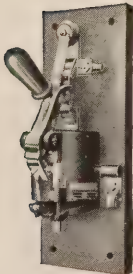
No-voltage only, same price as overload. Overload and no-voltage, \$25.00 list additional. Underload only, same price as overload. Overload and underload, \$25.00 list additional. Reverse current, \$100.00 list additional. Bell-ringing attachment, \$15.00 list additional. Shunt trip, \$25.00 list additional. Dimensions and drilling furnished on application. Prices do not include cable terminals or slate bases. Front connected breakers take same list as back connected.



Type CA

CEMCO TYPE, 600, 440, 220, 110 VOLTS OR LESS

Form	Amperes	Single-Pole		Double-Pole		Triple-Pole	
		Trade No.	Price Each	Trade No.	Price Each	Trade No.	Price Each
CA	5	055152	\$12.00	055169	\$24.00	055180	\$36.00
CA	10	055153	12.00	055170	24.00	055181	36.00
CA	20	055154	12.00	055171	24.00	055182	36.00
CA	25	055155	12.00	055172	24.00	055183	36.00
CC	30	055156	20.00	055173	40.00	055184	60.00
CC	45	055157	20.00	055174	40.00	055185	60.00
CC	60	055158	20.00	055175	40.00	055186	60.00
CC	80	055159	20.00	055176	40.00	055187	60.00
CC	100	055160	30.00	055177	60.00	055188	90.00
CC	150	055161	30.00	055178	60.00	055189	90.00
CC	200	055162	30.00	055179	60.00	055190	90.00
CD	300	055163	60.00	.....	.....	.....	.....
CD	400	055164	60.00	.....	.....	.....	.....
CD	500	055165	60.00	.....	.....	.....	.....
CD	600	055166	100.00	.....	.....	.....	.....
CE	700	055167	100.00	.....	.....	.....	.....
CE	800	055168	100.00	.....	.....	.....	.....



Type CC

Prices are for front connected unpolished circuit breakers on slate bases. Prices for shunt trip only, same as overload; for shunt trip and overload, add \$25.00; for switchboard mounting, polished, add 25 per cent.

G-E TRANSFORMERS



These transformers are the result of years of experience, and combine high efficiency and the best mechanical construction. The many thousand kilowatt capacity in service has proven their reliability and durability under every condition of service. The Types H and HB transformers have low core loss, low copper loss (meaning high all-day efficiency), good regulation and low uniform heat.

Transformers listing as Type H, have slightly lower core losses than those known as Type HB, and should be used except where fuel is cheap, water power is available, the stations operated twelve hours daily, or the first cost is the ruling consideration.

TYPE H, SINGLE-PHASE, OIL-COOLED TRANSFORMERS, POLE TYPE

For Use on Circuits of 50 to 140 Cycles, Normal 60 Cycles

PRIMARY VOLTS, 1100-2200		SECONDARY VOLTS, 122-244		Capacity Kw.	No. of 50-Watt Lamps	Quarts Oil Required	Approx. Shipping Wt., Lbs.
SECONDARY VOLTS, 110-220	Mfrs. No.	SECONDARY VOLTS, 122-244	Mfrs. No.				
Trade No.		Trade No.					
035185	79039	035200	79040	1	20	5	145
035186	79035	035201	79041	1.5	30	7	165
035187	79036	035202	79042	2	40	8	190
035188	79037	035203	79043	2.5	50	9	220
035189	79038	035204	79044	3	60	13	250
035190	79039	035205	79045	4	80	16	295
035191	4129	035206	4167	5	100	21	360
035192	4133	035207	4173	7.5	150	32	480
035193	4135	035208	4176	10	200	40	565
035194	4137	035209	4179	15	300	48	925
035195	4139	035210	4182	20	400	55	1085
035196	4141	035211	4185	25	500	77	1265
035197	4143	035212	4188	30	600	105	1515
035198	4025	035213	4026	40	800	155	1760
035199	4095	035214	4096	50	1000	190	2165
088764	78962	088766	78964	75	1500	240	2675
088765	78963	088767	78965	100	2000	300	3035

Prices quoted on application.

TYPE HB, SINGLE-PHASE, OIL-COOLED TRANSFORMERS, POLE TYPE

For Use on Circuits from 60 to 140 Cycles, Normal 60 Cycles

PRIMARY VOLTS, 1100-2200		Capacity Kw.	No. of 50-Watt Lamps	Quarts Oil Required	Approx. Shipping Wt., Lbs.
SECONDARY VOLTS, 110-220	Mfrs. No.				
Trade No.					
035215	43678	.6	12	3	110
035216	43679	1	20	3	115
035217	43680	1.5	30	3	120
035218	43681	2	40	5.5	150
035219	43682	2.5	50	6.5	180
035220	3716	3	60	7	215
035221	3705	4	80	13	280
035222	3706	5	100	17	365
035223	3708	7.5	150	23	480
035224	3709	10	200	28	565
035225	3710	15	300	46	765
035226	3711	20	400	62	960
035227	3712	25	500	80	1120
035228	3713	30	600	80	1200
035229	35271	40	800	98	1400
035230	35272	50	1000	136	1760

Prices quoted on application.

PRIMARY CUT-OUTS



No. 1689

BRYANT TRANSFORMER CUT-OUTS

Single Pole, 30 Amperes, 2500 Volts

Trade No.	Mfrs. No.	Description	Std. Lbs. Pkg.	Wgt. Lbs. Each	Price Each	Code Word
043252	1689	Porcelain cut-out, complete with plug	50	360	\$1.50	Airup
043253	1690	Porcelain cut-out, with-out plug	50	230	1.00	Airue
043254	1691	Porcelain plug only	50	170	.50	Airuf

The above cut-out is finished in black enamel.
The fuse is 9 inches long.



No. 139

P & S TRANSFORMER CUT-OUTS

Single Pole, 30 Amperes, 2500 Volts

043255	139	White glaze finish, complete with plug	165	1.80	Airuh	
043256	139½	Black enamel finish, complete with plug	165	1.50	Airup	
043257	140	Plug only for No. 139	22	.54	Airus	
043258	141	Plug only for No. 139½	22	.45	Airvi	
043259	201	White glaze finish, complete with plug	30	165	1.80	Airwo
043260	202	Black enamel finish, complete with plug	30	165	1.50	Airxo
043261	203	Plug only for No. 201	10	22	.54	Airyg
043262	204	Plug only for No. 202	10	22	.45	Airyin

The plugs of Nos. 139 and 139½ cut-outs engage contacts with a slight twist, making it impossible for plug to accidentally pull out.

Nos. 201 and 202 cut-outs are similar to Nos. 139 and 139½, but the plug pulls straight out.



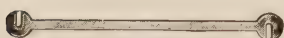
No. 201

Fuses for all P & S Cut-outs

Trade No.	Mfrs. No.	Cap. Amp.	Wg. Lbs. per Std.	Std. Pkg.	Price per 100	Code Word
043263	1410	5	1½	100	\$3.00	Airyx
043264	1411	10	1½	100	3.00	Aisac
043265	1412	15	1½	100	3.00	Aisao
043266	1413	20	1½	100	3.00	Aisap
043267	1414	25	1½	100	3.00	Aisav
043268	1415	30	1½	100	3.00	Aiscu



No. 1410



No. 1415

G-E PRIMARY CUT-OUTS

Trade No.	Mfrs. No.	Description	Std. Pkg.	Price Each	Code Word
043269	51874	Complete with plug	50	\$1.50	Ahsel

Fuses

Trade No.	Mfrs. No.	Cap. Amps.	Price Each	Code Word
043270	23174	1	\$0.03	Aisfu
043271	23175	2	.03	Aisga
043272	23176	3	.03	Aisgk
043273	23178	5	.03	Aisht
043274	23179	10	.03	Asji
043275	23180	15	.03	Asko
043276	23181	20	.03	Asla
043277	23182	25	.03	Aislu
043278	23183	30	.03	Aisma



No. 51874

THORDARDSON TRANSFORMERS



Type JR

BELL RINGING TRANSFORMERS, 110 VOLTS, 60 CYCLES

These transformers are absolutely fireproof, and may be short-circuited indefinitely without impairing their efficiency. Types A, B, and Junior are approved by the National Board of Fire Underwriters.

The Junior Bell Ringer is suitable for residence door bells, buzzers, and all classes of light signal work. For heavier signal work and bells that require more power than is generated by the Junior type, either Types A or B should be used. For extra heavy signal work, Types A or B Heavy Output is recommended.

Trade No.	Type	Cap. Watts	DIMENSIONS, INCHES			Wt. Lbs.	Price Each
			Length	Width	Height		
088732	Junior	16	6	3 $\frac{1}{4}$	2	3	\$3.00
088733	A	25	5	3 $\frac{3}{8}$	4	5	4.00
088734	B	25	5	3 $\frac{3}{8}$	4	5	5.00
088735	A Heavy Output	60	6	4 $\frac{1}{8}$	4 $\frac{3}{8}$	7 $\frac{1}{2}$	6.00
088736	B Heavy Output	60	6	4 $\frac{1}{8}$	4 $\frac{3}{8}$	7 $\frac{1}{2}$	7.00

The Type A and Heavy Output A have one secondary potential and generate 6 volts. The Type B and Heavy Output B have three secondary potentials and generate 6, 14, and 20 volts.

TOY TRANSFORMERS

These transformers are designed to operate any class of electrical toys, such as small fans, motors, miniature electric railway trains; ring bells, buzzers; light small lamps; operate Ruhmkorff or any other type of induction coils.

Any of the voltages may be used singly or simultaneously, also two or more leads of the same voltages may be used at the same time. These devices are not to be classed with batteries or gravity cells. They are mounted in black enameled steel cases, and equipped with 9 feet of cord with attachment plug, so that they may be attached to any Edison base lamp socket.

059133	1	60	5	4	3 $\frac{1}{4}$	8	8.00
059134	1A	60	5	4	3 $\frac{1}{4}$	8	5.00
059131	2	120	5 $\frac{1}{4}$	5	3 $\frac{1}{2}$	11	10.00
059132	2A	120	5 $\frac{1}{4}$	5	3 $\frac{1}{2}$	11	7.00

The No. 2 toy transformer generates ten different voltages, ranging from 3 to 26 volts; the No. 1 has six different voltages, ranging from 3 to 19 volts. The No. 1A and No. 2A are practically the same as the Nos. 1 and 2, with exception that they are equipped with binding posts for secondary connections, instead of plug connections, and are not furnished with connecting cords.

Five pairs of flexible cord are furnished with No. 2 transformer, four pairs with the No. 1. Cords are equipped with plug connections on one end and brass terminals on the other.

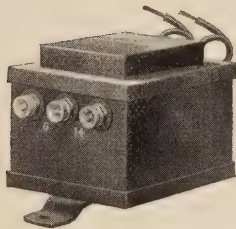
TRANSFORMERS FOR LOW VOLT MAZDA LAMPS

Multiple lighting transformers are designed for use in connection with low voltage Mazda Lamps, either for residence or sign lighting. The construction permits the use of an exceedingly short, compact, magnetic and electrical circuit, reducing the weight to a minimum. May be installed in a damp or wet place, or exposed to the elements, without affecting their efficiency. Mounted in black enamel steel cases and impregnated with a special insulating compound.

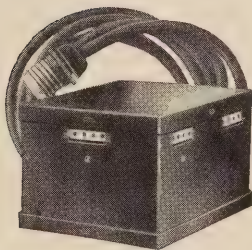
They are double-wound and insulated to withstand a breakdown test of 2500 volts between the primary and secondary; approved by the National Board of Fire Underwriters.

Trade No.	Cap. Watts	DIMENSIONS, INCHES			Weight Pounds	Price Each
		Length	Width	Height		
09897	150	5 $\frac{1}{2}$	5	4 $\frac{3}{8}$	14 $\frac{1}{2}$	\$14.00
09898	250	7 $\frac{1}{4}$	5 $\frac{1}{4}$	4 $\frac{3}{4}$	21	16.00
09899	500	8 $\frac{5}{8}$	5 $\frac{5}{8}$	5 $\frac{3}{4}$	35	18.00
07327	750	9 $\frac{1}{4}$	6	6	42	20.00
07328	1000	9 $\frac{3}{4}$	6 $\frac{3}{8}$	6 $\frac{3}{4}$	56	22.00
047846	1500	11 $\frac{1}{8}$	7 $\frac{1}{4}$	7 $\frac{1}{2}$	80	36.00
047847	2000	11 $\frac{1}{8}$	7 $\frac{1}{4}$	7 $\frac{1}{2}$	90	40.00

Unless otherwise specified, windings furnished are 10 to 1 ratio on 110-volt circuit, and 20 to 1 on 220-volt circuit. When ordering, specify primary voltage.



Type B



No. 2 Toy Transformer



Sign Transformer

G-E TRANSFORMERS

ECONOMY-ARC MOVING PICTURE TRANSFORMERS



No. 76321

Trade No.	Mfrs. No.	Type	Primary Volts	Secondary Amperes	Cycles	Price Each
039170	76331	Y119	110	30-40-50	60	....
039171	76332	Y119	220	30-40-50	60	....

The Economy-Arc is a special design of transformer for use with moving picture machine arc lamps. The advantages of this device are in the resultant saving of power and the elimination of excessive heating and fire risks that accompany the various methods of using rheostats or choke coils.

The primary winding is supplied with two 5 per cent taps to compensate for variations in line voltage. The secondary winding is ingeniously arranged for operation with a switch to vary the current in the lamp circuit.

Standard transformers are designed for 60 cycles. Special transformers, however, can be supplied for any desired frequency.



No. 62526

BELL RINGING TRANSFORMERS

Trade No.	Mfrs. No.	Type	Primary Volts	Secondary Volts	Cycles	Price Each
039172	62526	Y120	110	6-12-18	60	....

The bell ringing transformer is used as a substitute for batteries, operating electric bells, buzzers, annunciators, burglar alarms, gas lighting systems, etc. It eliminates all battery troubles, requires no attention and is always ready for service.

The windings are arranged for three secondary voltages on account of the difference in sizes and types of bells.



No. 62338

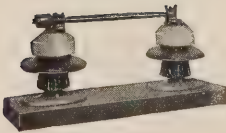
TELEPHONE INSULATING TRANSFORMERS

Trade No.	Mfrs. No.		Price Each
039174	62338	.....	\$50.00
039175	38440	Lightning arrester fuses.....	25.00
039176	45268	Fuse holder, including fuse.....	3.00
039177	45493	Fuse wire in asbestos.....	.55

The telephone insulating transformer is designed to protect users of magneto telephones from induced and high potential voltages which result when high potential transmission lines are on the same poles, or in the near vicinity of telephone wires.

The transformer is heavily insulated, and, when used with combined switch, fuse and lightning arrester, gives protection to telephone instrument and user, even in extreme cases of actual contact with transmission lines.

It is assembled in a waterproof iron case, and may be installed out of doors.



No. 38440

CAMPBELL TRANSFORMERS

COMPENSATORS AND AUTO TRANSFORMERS

10 Volts Secondary

Trade No.	Mfrs. No.	Total Watts	Watts per Circuit	No. of Circuits	Amps. per Circuit	Core Loss	Price Each	Code Word
046639	2000	100	100	1	10	3.0	\$18.00	Alwoa
046640	2001	250	250	1	25	4.0	22.00	Alwoh
046641	2002	500	250	2	25	6.0	26.00	Alwot
046642	2003	750	188	4	18.8	7.0	30.00	Alwsa
046643	2004	1000	100	10	10	8.5	32.00	Alwsu
046644	2005	1500	150	10	15	11.5	36.00	Alwud

22 Volts Secondary

046645	2006	100	100	1	4.55	3.0	18.00	Alwve
046646	2007	250	250	1	11.4	4.5	22.00	Alwya
046647	2008	500	125	4	5.68	6.0	26.00	Alwyl
046648	2009	750	188	4	8.55	7.5	30.00	Alxag
046649	2010	1000	250	4	11.4	9.0	32.00	Alxam
046650	2011	1500	375	4	17.1	12.0	36.00	Alxar
046651	2012	2500	500	5	22.7	15.0	42.00	Alxef

27.5 Volts Secondary

046652	2013	100	100	1	3.64	3.0	18.00	Alxeh
046653	2014	250	250	1	9.1	4.5	22.00	Alxel
046654	2015	500	125	4	4.55	6.0	26.00	Alxeo
046655	2016	750	188	4	6.8	7.5	30.00	Alxfa
046656	2017	1000	250	4	9.1	9.0	32.00	Alxhe
046657	2018	1500	375	4	13.6	12.0	36.00	Alxip
046658	2019	2500	625	4	22.7	15.0	42.00	Alxis

TYPE T TRANSFORMERS

10 Volts Secondary

Trade No.	Mfrs. No.	Total Watts	Watts per Circuit	No. of Circuits	Amps. per Circuit	Core Loss	Price Each	Code Word
046659	2020	100	100	1	10	3.0	\$18.00	Alxiv
046660	2021	250	250	1	25	5.5	22.00	Alxmu
046661	2022	500	250	2	25	8.0	26.00	Alxoh
046662	2023	750	188	4	18.8	10.5	30.00	Alxor
046663	2024	1000	250	4	25	12.0	32.00	Alxpo
046664	2025	1500	250	6	25	16.5	36.00	Alxta

22 Volts Secondary

046665	2026	100	100	1	4.55	3.0	18.00	Alxuc
046666	2027	250	250	1	11.4	6.0	22.00	Alxut
046667	2028	500	500	1	22.7	8.5	26.00	Alxyd
046668	2029	750	375	2	17.1	11.0	30.00	Alyab
046669	2030	1000	500	2	22.7	13.5	32.00	Alyaf
046670	2031	1500	375	4	17.1	17.0	36.00	Alyap
046671	2032	2500	500	5	22.7	28.0	42.00	Alyat

27.5 Volts Secondary

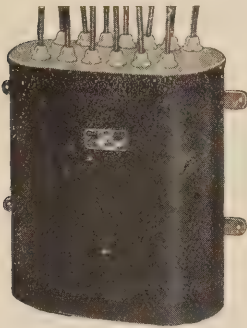
046672	2033	100	100	1	3.64	3.0	18.00	Alybe
046673	2034	250	250	1	9.1	6.0	22.00	Alyck
046674	2035	500	500	1	18.2	8.5	26.00	Alyev
046675	2036	750	375	2	13.6	11.0	30.00	Alyfa
046676	2037	1000	500	2	18.2	13.5	32.00	Alygo
046677	2038	1500	375	4	13.6	17.0	36.00	Alygu
046678	2039	2500	500	5	18.2	28.0	42.00	Alyja

This type should be used on conduit systems or any other system where a ground is likely to occur on the lamp circuit which might result in burning out some lamps with high voltage.

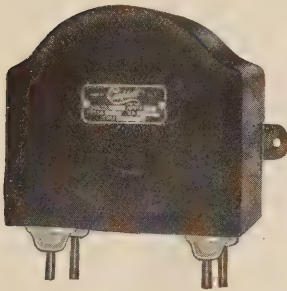
Install the transformers near the load. Avoid excessive drop in the line. Disconnect high voltage before inserting low volt lamps. We design and build special transformers for all purposes.

BELL RINGING TRANSFORMERS

Trade No.	Type	Primary Voltage	Secondary Voltage	Watts	Price Each	Code Word
046679	AH	100-125	7-14-21	25	\$6.00	Alyka



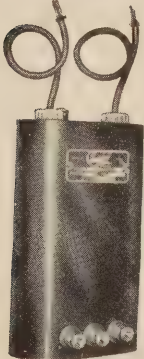
No. 2005



Type T. No. 2000

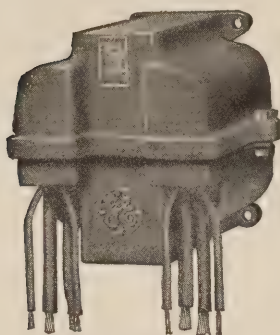


No. 2039



Bell Ringing Transformer

G-E TRANSFORMERS AND COMPENSATORS

Sign Lighting
TransformerHouse
Compensator

SIGN LIGHTING TRANSFORMERS

Trade No.	Mfrs. No.	Watts	Price Each	Trade No.	Mfrs. No.	Watts	Price Each
039178	76676	250	\$22.00	039180	76680	1000	\$38.00
039179	76678	500	28.00	039181	76683	2000	54.00

Sign lighting transformers have capacities of 250, 500, 1000 and 2000 watts. They are suitable for operation on circuits of from 50 to 140 cycles, and have a normal rating of 110/220 volts primary, 11/22 volts secondary. They are adapted, however, for use on circuits ranging from 100 to 120, and from 200 to 240 volts, with a ratio of transformation of 10 to 1 or 20 to 1, depending upon the connection. Due to the wide range of primary voltage for which these transformers were designed, they are satisfactory for use on practically all lighting circuits. The cases are of waterproof construction, and provided with lugs for fastening to the sign structure or an adjacent wall. All sizes are designed for use without oil, which fact, in conjunction with the very low operating temperature, eliminates all fire risks. The transformers may, therefore, be safely installed either indoors or outdoors, to suit the convenience of the customer.

HOUSE COMPENSATORS

Primary Voltage, 100, 105, 110, 115, 120, 125; Secondary Voltage, 27½

Trade No.	Mfrs. No.	Kw. Rating	Watts Output	No. of Sec. Cir.	Approx. Wt., Lbs.	Price Each
039186	76359	.150	275	4	25	\$21.00
039187	76357	.240	275	1	30	23.00
039188	76360	.300	550	4	30	24.00
039189	76358	.480	550	1	40	26.00
039190	78401	.600	1100	4	45	29.00

Primary Voltage, 200, 210, 220, 230, 240, 250; Secondary Voltage, 27½

039191	78402	.600	1100	8	45	29.00
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A line of compensators especially adapted for group or decorative lighting, or for general house illumination, has been developed to provide for the use of low voltage Mazda Lamps. The use of low voltage Mazda Lamps, which have inherently stronger and more rugged filaments, is quite advantageous for illuminating purposes in general, and especially in locations where they are subject to shocks or jars. The compensators, furthermore, make possible the use of lamps of sizes smaller than 25 watts, these smaller sizes of lamps not yet having been developed for commercial operation on 110-volt circuits.

The compensators are designed primarily for 60 cycles, but will operate satisfactorily at any frequency from 50 to 140 cycles. The compensators for 100 to 125-volt service have been designed with capacities of 275, 550 and 1100 watts. The first two sizes have either single or four-circuit secondaries of 27½ volts each, and the third size has only the four-circuit secondary of 27½ volts. One size, having a capacity of 1100 watts, has been developed for 200 to 250-volt service. This compensator has eight secondary circuits of 27½ volts.

The primary winding is provided with taps giving a wide range in voltage so that connections may be made to suit the normal line voltage found at each individual installation, thus always assuring the normal voltage on the lamp side under widely varying conditions. The coils are afforded ample protection, being entirely enclosed by the lamination and metal casings. They, however, are not of weatherproof construction and should, therefore, be mounted in the building near the cut-out switch.

WESTINGHOUSE LIGHTNING ARRESTERS



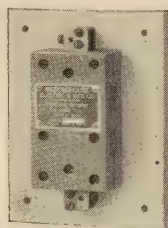
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No. 138891



No. 1810A



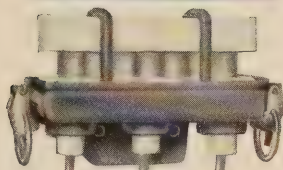
No. 1811A



TYPE MP, FOR 440-VOLT A. C., 600-VOLT D. C. CIRCUITS

Trade No.	Mfrs. No.	Use	Voltage	Price Each
084783	47417A	On cars	400-750	\$5.65
084784	154297	On poles	400-750	5.65
084785	138891	Conduit	400-750	8.50

This type is recommended for use on cars, on the line, and in the station. About five arresters per mile are recommended for line protection, and one to each car.



No. 62133A



No. 99426

Trade No.	Mfrs. No.	Type	For station use	Price Each
084786	1810A	I	For station use	\$7.75
084787	1811A	J	For line use	8.00

Type I is designed for use on D. C. series arc circuits. Mounted on marble base.

Type J is similar to Type I, but is enclosed in a weather-proof iron box.

TYPE C, FOR 500-2500-VOLT CIRCUITS

Trade No.	Mfrs. No.	Complete with case	Price Each
084788	62133A	Complete with case	\$5.65
084789	48231	Unit without case	3.00

Type C is double-pole up to 1250 volts, and single-pole from 1250 to 2500 volts. The middle lead is removed in the latter service. Capacity, 200 Kw. if within two miles of station, and 100 Kw. additional for each additional mile distant. Consists of seven cylinders of non-arcing metal, with air gaps between them.

TYPE S, FOR 1200-7000-VOLT A. C. CIRCUITS

Trade No.	Mfrs. No.	Case	Voltage	Price Each
084790	99426	Iron	1200-3500	\$18.00
084791	99427	Wood	3600-7000	39.00

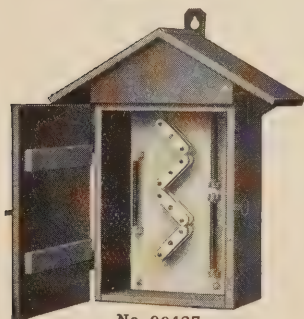
These are small-single-pole, low equivalent lightning arresters, and can be used where the potential between lines does not exceed their rated voltage. They are enclosed in cases with weatherproof doors. Can be used on circuits of capacities up to 2000 Kw.

Similar to Type C in principle, but have sticks of resistor material in series with the spark gaps, to prevent a power arc from following a discharge.

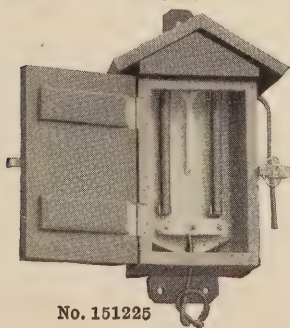
TYPE G, 2200-2500-VOLT A. C. CIRCUITS

Trade No.	Mfrs. No.	No. of Poles	Voltage	Price Each
084792	151225	2	2200 to 2500	\$16.00
084793	151224	3	2200 to 2500	23.00
084794	151223	4	2200 to 2500	26.00
084795	98062	Resistance rod		2.00

Type G arresters do not offer as great a degree of protection as Type S, but may be applied to circuits served by sources capable of developing any amount of power. Similar in principle to Type C, but have a resistor rod in series with the spark gaps similar to Type S.



No. 99427



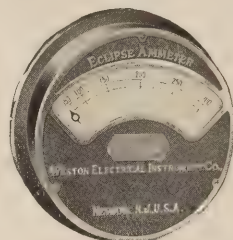
No. 151225

WESTON ECLIPSE SWITCHBOARD INSTRUMENTS

FOR DIRECT CURRENT



Model 160



Model 159

MODEL 160

Ammeters		
Trade No.	Range Amperes	Price Each
06462	1	\$15.50
06463	2	15.50
06464	3	15.25
06465	5	15.00
06466	10	15.00
06467	15	15.00
06468	25	15.00
06469	50	16.00
06470	75	16.00
06471	100	16.50
06472	150	16.50
06475	200	17.00
06476	250	17.50
06477	300	18.00
06478	400	18.50
06479	500	19.50

Code Word
Bgup
Bgur
Bgvo
Bgvu
Bgyb
Bgyg
Bgyk
Bgyn
Bhab
Bhac
Bhaf
Bhas
Bhef
Bhem
Bhfu
Bhgi

Volts

Volts		
Trade No.	Range Volts	Price Each
06480	75	\$16.00
06481	125	16.00
06482	150	16.00
06483	300	18.00
06484	500	20.50
06485	600	21.50
06486	750	22.50

Code Word
Bhon
Bhot
Bhta
Bhuc
Bhum
Bhup
Bhyk

Volts with a range above 300 volts are provided with external resistances.

Diameter of Case 9.56 inches.

Depth of Case 3.15 inches.

Length Scale Arc 6.50 inches.

MODEL 159

Ammeters		
Trade No.	Range Amperes	Price Each
06487	1	12.00
06488	2	12.00
06490	3	11.75
06491	5	11.50
06492	10	11.50
06493	15	11.50
06494	25	11.50
06495	50	12.50
06496	75	12.50
06497	100	13.00
06498	150	13.00
06499	200	13.50
06500	250	14.00
06505	300	14.50
06506	400	15.00
06508	500	16.00

Code Word
Bhia
Bhit
Bhiv
Bhja
Bhjo
Bhke
Bhlo
Bhme
Bhmo
Bhne
Bhns
Bhob
Bhoc
Bhoe
Bhok
Bhol

Volts

Trade No.	Range Volts	Price Each
06510	75	12.00
06511	125	12.00
06512	150	12.00
06513	300	14.50
06515	500	16.00
06848	600	17.00
06849	750	18.00

Code Word
Bhyl
Bhym
Bhyp
Biad
Biba
Bibu
Bica

Volts with a range above 150 volts are provided with external resistances.

Diameter of Case 7.25 inches.

Depth of Case 3.15 inches.

Length Scale Arc 5.25 inches.

The instruments described above are intended for use as ammeters and voltmeters on direct current switchboards. They are of "soft iron" or "electro-magnetic type," but in their electrical and mechanical characteristics they are so far in advance of all preceding forms of soft-iron instruments, as to mark a new epoch in that type of instrument. They are so much better than most permanent magnet instruments, and they possess the advantage of being much lower in price.

In sensitiveness, or power to promptly respond to minute changes in potential difference, or to minute changes in current strength, they also closely approach the Weston permanent magnet instruments.

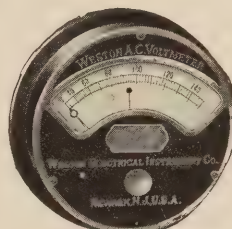
In their dead-beat qualities they also closely approach the Weston permanent magnet type of instrument.

WESTON SWITCHBOARD INSTRUMENTS

FOR ALTERNATING CURRENT



Model 151



Model 156

MODEL 151

Ammeters

Trade No.	Range Ampere	Price Each	Code Word
06850	1	\$17.75	Bipu
06851	2	17.50	Birg
06852	3	17.00	Birt
06853	5	17.00	Bisp
06854	10	17.00	Bitu
06855	15	17.00	Bith
06856	25	17.00	Biub
06857	50	17.50	Biul
06858	75	17.50	Bixi
06859	100	17.50	Bjal
06860	150	18.00	Bjam
06861	200	18.50	Bjas
06862	250	18.75	Bjax
06863	300	19.00	Bjbi
06864	400	19.50	Bjcu
06865	500	20.00	Bjea

Voltsmeters

Trade No.	Range Volts	Price Each	Code Word
06866	75	\$18.50	Bids
06867	125	18.50	Bifo
06868	150	18.75	Bift
06869	300	22.50	Bige
06870	500	26.50	Bign
06871	600	27.50	Biko
06872	750	30.00	Biks

Voltsmeters with a range above 300 volts are provided with external resistances.

Diameter of case 9.56 inches.
Depth of case 3.15 inches.
Length of scale arc 6.5 inches.

MODEL 156

Ammeters

Trade No.	Range Ampere	Price Each	Code Word
06873	1	14.00	Bjex
06874	2	13.75	Bjhu
06875	3	13.50	Bjik
06876	5	13.50	Bjil
06877	10	13.50	Bjim
06878	15	13.50	Bjin
06879	25	13.50	Bjku
06880	50	13.75	Bjla
06881	75	13.75	Bjle
06882	100	13.75	Bjme
06883	150	14.25	Bjmo
06884	200	14.75	Bjno
06885	250	15.00	Bjof
06886	300	15.50	Bjoh
06887	400	16.50	Bjok
06888	500	17.50	Bjow

Voltsmeters

Trade No.	Range Volts	Price Each	Code Word
06889	75	14.50	Bilf
06890	125	14.50	Bilk
06891	150	14.75	Bimo
06892	300	18.50	Bink
06893	500	19.50	Biom
06894	600	21.00	Bion
06895	750	23.50	Bint

Voltsmeters with a range above 150 volts are provided with external resistances.

Diameter of case 7.25 inches.
Depth of case 3.15 inches.
Length of scale arc 5.25 inches.

Every ammeter is tested before shipment for insulation with 4,000 volts for one minute. The case of each ammeter is provided with a "ground terminal," which must, in order to ensure safety to the user, be connected to earth when the potential difference of circuits exceeds 200 volts. When properly erected, the ammeters are perfectly safe for use on circuits operating on a potential difference, of 2,300 volts, but must be used with transformers on circuits of higher potential difference.

Transformers must be used on all circuits carrying over 500 amps. and we recommend a value of 5 amps. for the secondary, and will calibrate the instrument the value of the primary so that the instrument will be direct reading.

WESTON PORTABLE INSTRUMENTS

FOR DIRECT CURRENT



Voltmeter



Ammeter

MODEL 45

Voltmeters

Trade No.	Ranges in Volts	Value of Each Scale Division in Volts	Price Each	Code Word
625	0- 3	.02	\$25.00	Bfup
626	0- 5	.05	25.00	Bfur
627	0- 15	.1	25.00	Bfyd
628	0-150	1.	29.50	Bfyf
629	0-300	2.	32.50	Bfyg
630	0-600	5.	35.00	Bfyn
631	0-750	5.	37.00	Bfyx

Double scale voltmeters can be furnished when desired. Add \$5.00 to the above prices.

Ammeters

Trade No.	Ranges in Amperes	Value of Each Scale Division in Amperes	Price Each	Code Word
632	0- 5	.05	\$25.00	Bgab
633	0- 15	.1	25.00	Bgaf
634	0- 25	.2	25.00	Bgah
635	0- 50	.5	25.50	Bgas
637	0-100	1.	26.50	Bgba
638	0-150	1.	27.00	Bgbi
639	0-200	2.	28.00	Bgbu
640	0-250	2.	28.25	Bgea
641	0-300	2.	28.25	Bgeo
642	0-400	5.	28.50	Bgde
643	0-500	5.	29.50	Bgdu

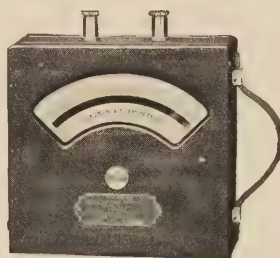
The movement in the Model Type No. 45 instrument is completely enclosed in an iron case which protects it from stray magnetic fields, securely fastened in a wooden carrying box. This box is provided with a hinged cover which protects the scale and binding posts. Ammeters, having a maximum range of 25 amperes or less, are provided with self-contained shunts. Higher ranges are adjusted to external station type shunts.

WESTON PORTABLE INSTRUMENTS

FOR ALTERNATING CURRENT



Voltmeter



Ammeter

MODEL 155

VOLTMETERS

Trade No.	Range Volts	DIMENSIONS, INCHES			Price Each	Code Word
		Length	Width	Depth		
06951	75	7	7 $\frac{1}{4}$	3 $\frac{1}{4}$	\$18.50	Bgeg
06952	125	7	7 $\frac{1}{4}$	3 $\frac{1}{4}$	18.50	Bgek
06953	150	7	7 $\frac{1}{4}$	3 $\frac{1}{4}$	18.75	Bgem
06954	300	7	7 $\frac{1}{4}$	3 $\frac{1}{4}$	22.50	Bget
06955	500	7 $\frac{7}{8}$	8 $\frac{3}{4}$	3 $\frac{1}{4}$	26.50	Bgfe
06956	600	7 $\frac{7}{8}$	8 $\frac{3}{4}$	3 $\frac{1}{4}$	27.50	Bgfo
06957	750	7 $\frac{7}{8}$	8 $\frac{3}{4}$	3 $\frac{1}{4}$	30.00	Bgga

All the above ranges of voltmeters are provided with self-contained resistances.

AMMETERS

06958	1	7	7 $\frac{1}{8}$	3 $\frac{1}{4}$	17.75	Bgid
06959	2	7	7 $\frac{1}{8}$	3 $\frac{1}{4}$	17.50	Bgil
06960	3	7	7 $\frac{1}{8}$	3 $\frac{1}{4}$	17.00	Bgim
06961	5	7	7 $\frac{1}{8}$	3 $\frac{1}{4}$	17.00	Bgko
06962	10	7	7 $\frac{1}{8}$	3 $\frac{1}{4}$	17.00	Bgla
06963	15	7	7 $\frac{1}{8}$	3 $\frac{1}{4}$	17.00	Bgma
06964	25	7	7 $\frac{1}{8}$	3 $\frac{1}{4}$	17.00	Bgme
06965	50	7	7 $\frac{1}{8}$	3 $\frac{1}{4}$	17.50	Bgne
06966	75	7	7 $\frac{1}{8}$	3 $\frac{1}{4}$	17.50	Bgni
06967	100	7	7 $\frac{1}{8}$	3 $\frac{1}{4}$	17.50	Bgno
06968	150	7	7 $\frac{1}{8}$	3 $\frac{1}{4}$	18.00	Bgnu
06969	200	7	7 $\frac{1}{8}$	3 $\frac{1}{4}$	18.50	Bgof
06970	250	7	7 $\frac{1}{8}$	3 $\frac{1}{4}$	18.75	Bgog
06971	300	7	7 $\frac{1}{8}$	3 $\frac{1}{4}$	19.00	Bgok
052636	400	7	7 $\frac{1}{8}$	3 $\frac{1}{4}$	21.00	Bffux
052637	500	7	7 $\frac{1}{8}$	3 $\frac{1}{4}$	23.00	Bffur

High-Potential Current Transformers must be used for the measurement of all alternating currents greater than 300 amperes.

MILLI-AMMETERS

06972	75	7	7 $\frac{1}{8}$	3 $\frac{1}{4}$	17.75	Bgon
06973	150	7	7 $\frac{1}{8}$	3 $\frac{1}{4}$	17.75	Bgov
06974	250	7	7 $\frac{1}{8}$	3 $\frac{1}{4}$	17.75	Bgru
06975	500	7	7 $\frac{1}{8}$	3 $\frac{1}{4}$	17.75	Bgsu
06976	750	7	7 $\frac{1}{8}$	3 $\frac{1}{4}$	17.75	Bgub

LEATHER CASES

06977	For ammeters, mil-ammeters and voltmeters,	3.50	Bguc
06978	For voltmeters with range from 300 to 750 volts,	4.50	Bguh

All the above instruments may be used on circuits of any frequency from 15 to 140 cycles per second without sensible error in their indications.

The various ranges of voltmeters listed are all self-contained. They include instruments adapted to a full scale deflection with 75 volts, to instruments to give a full scale deflection with 750 volts. For use with higher voltages multipliers or transformers must be used.

The ammeters listed may be used on circuits having a difference in potential of 2300 volts. For higher ranges or voltages transformers must be used.

G-E WATTHOUR METERS

THOMSON WATTHOUR METERS, TYPES C-6 AND C-7
FRONT CONNECTED, METAL COVER, JAPAN FINISH
Direct Current



The Thomson direct current watthour meter in its simplest form embodies three necessary elements, namely, a motor causing rotation, a generator providing the necessary load or drag, and a registering device, the function of which is to integrate the instantaneous values of the electrical energy passing in the system to be measured.

The Type C-6 and C-7 meters are furnished with side connections, the line wires entering at the left and the load wires at the right. Both sides of the system are carried through the meter in all sizes up to and including 50 amperes Type C-6 and 25 amperes Type C-7. In meters of larger ampere capacities a potential tap is used, and the meters are provided with all metal covers finished in black japan.

TYPE C-6
100-120 Volts

Trade No.	Mfrs. No.	*Lights	H. P.	CAPACITY Amp.	Price Each	Code Word
027051	37594	10	.....	5	\$31.00	Qemu
027052	37595	20	.....	10	33.00	Qenc
027053	37596	30	.....	15	37.00	Qend
027054	37597	50	.....	25	44.00	Qenk
027055	37598	100	.....	50	58.00	Qeob
027056	37599	150	.....	75	72.00	Qeof
027057	37600	200	.....	100	85.00	Qeon
027058	37601	300	.....	150	110.00	Qeph
027059	37602	600	.....	300	140.00	Qepo
027060	37603	1200	.....	600	200.00	Qupt

200-240 Volts, Two Wire

027070	37614	20	1 1/4	5	35.00	Qfal
027071	37615	40	2	10	40.00	Qfas
027072	37616	60	3 1/2	15	47.00	Qfba
027073	37617	100	7	25	54.00	Qfbe
027074	37618	200	15	50	68.50	Qfbo
027075	37619	300	20	75	83.00	Qfbu
027076	37620	400	25	100	97.50	Qfca
027077	37321	600	40	150	125.00	Qfce
027078	37622	1200	80	300	160.00	Qfeu
027079	37623	2400	160	600	225.00	Qfda

200-240 Volts, Three Wire

027061	37604	20	.....	5	35.00	Qesh
027062	37605	40	.....	10	40.00	Qeth
027063	37606	60	.....	15	47.00	Qeuf
027064	37607	100	.....	25	54.00	Qeul
027065	37608	200	.....	50	71.00	Qeum
027066	37609	300	.....	75	88.00	Qeur
027067	37610	400	.....	100	105.00	Qfab
027068	37611	600	.....	150	135.00	Qfad
027069	37612	1200	.....	300	185.00	Qfag

TYPE C-7
500-600 Volts

027080	37624	.....	2 1/2	5	45.00	Qfde
027081	37625	.....	5	10	52.00	Qfeb
027082	37626	.....	7 1/2	15	60.00	Qfek
027083	37627	.....	15	25	70.00	Qfel
027084	37628	.....	30	50	85.00	Qfem
027085	37629	.....	50	75	100.00	Qfft
027086	37630	.....	60	100	115.00	Qfge
027087	37631	.....	100	150	145.00	Qfgo
027088	37632	.....	200	300	190.00	Qfho
027089	37633	.....	400	600	260.00	Qfhu

Type C-6 and C-7 meters will be furnished with moulded glass covers for an additional net price of one dollar.

*Rated on basis of 50 watts per lamp.

Note.— Always state normal voltage of circuit.

HOYT INSTRUMENTS



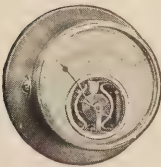
Pocket Meter



Type 225



Triune



Type C25



Type P25

POCKET METERS

Trade No.		Price Each	Code Word
042851	Ammeter, 0-30	\$2.00	Aihma
042852	Voltmeter, 0-10	2.50	Aihmo
042853	Voltammeter, 0-30 A. 0-10 V.	3.00	Aihne

The Hoyt pocket voltmeter and ammeters with indestructible metal dials are of the permanent magnet type and show the polarity as well as the strength of the current. Owing to the relation of the magnetic field to the moving system and the extreme lightness of the latter, the indications are very "dead beat" without sacrificing in the least its sensibility. Each meter put up in a chamois pouch and packed in a substantial box.

TYPE 225 VOLTAMMETERS

042854 10 volts, $1\frac{1}{2}$ amperes 15.00 Aiiis
Size $5\frac{3}{4} \times 3\frac{3}{4} \times 1\frac{1}{4}$ inches, net wt. $1\frac{1}{4}$ lbs. packet wt. 3 lbs.

The Hoyt voltammeter for testing ignition circuit consists of a type C25 ammeter and voltmeter mounted on a single base and so wired into the ignition circuit that both instruments are in circuit during the whole period that the engine is running.

TRIUNE VOLTAMMETERS

042855 0-10 volts, 0-30 and 0- $1\frac{1}{2}$ amps. 12.00 Aihns
Volts readable to $\frac{1}{2}$ volts
0-30 amp. scale readable to $\frac{1}{2}$ amp.
0- $1\frac{1}{2}$ amp. scale readable to $\frac{1}{20}$ amp

The coil windings are so arranged that the voltmeter is quite high resistance, while the ammeter coils are of negligible resistance. It is accurate at all points on the scale and is very "dead beat."

The bottom binding post is positive for all coils while the left-hand post is negative for the $1\frac{1}{2}$ ampere coil, the right-hand post is negative for 30 ampere scale, and the top post is negative for volt coil.

To test coils with engine running the wire leading from battery to coil should be disconnected, preferably at coil box, and the ammeter inserted by connecting one lead from coil binding post to left-hand post of Triune (if positive of battery goes to coil) and the battery wire connected to the bottom post of instrument. This puts the $1\frac{1}{2}$ ampere coil in circuit, and whatever amount of current the coil is taking is indicated on the instrument.

TYPE C25, SWITCHBOARD TYPE

Ammeters

042859	0- $\frac{1}{2}$ amperes	7.50	Aihot
042860	0-3 amperes	7.50	Aihta
042861	0-15 amperes	8.00	Aihuc
042862	0-50 amperes	8.50	Aihum

Voltsmeters

042863	0- $\frac{1}{2}$ volts	7.50	Aihup
042864	0-3 volts	7.50	Aihyk
042865	0-15 volts	8.00	Aihyl
042866	0-50 volts	8.50	Aihym

TYPE P25, POCKET TYPE

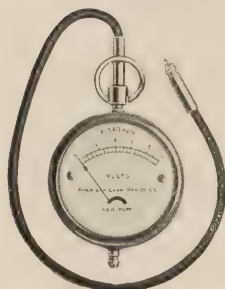
Ammeters

042867	0- $\frac{1}{2}$ amperes	9.50	Aihyp
042868	0-3 amperes	9.50	Aiiad
042869	0-15 amperes	10.00	Aiiak
042870	0-50 amperes	10.50	Aiiba

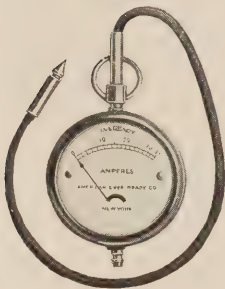
Voltsmeters

042871	0- $\frac{1}{2}$ volts	9.50	Aiibs
042872	0-3 volts	9.50	Aiibu
042873	0-15 volts	10.00	Aiica
042874	0-50 volts	10.50	Aiido

EVEREADY BATTERY TESTING INSTRUMENTS



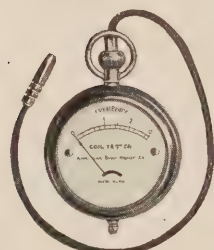
Voltmeter



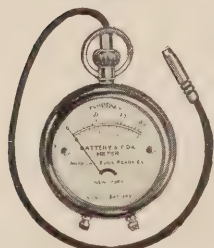
Ammeter



Volt-Ammeter



Coil Tester



Battery and Coil Tester

VOLTMETERS

Range 0-10 Volts

Trade No.	Mfrs. No.	Diameter Inches	Price Each
054392	1005	2	\$1.50
054393	1012	1 $\frac{11}{16}$	1.75

There is no need of stopping to figure which terminal should be placed on a binding post. It makes no difference. The meter operates absolutely no matter in which direction the current is flowing.

AMMETERS

Range 0-35 Amperes

054394	1002	2	1.25
054395	1010	1 $\frac{11}{16}$	1.50

On account of operating equally as well on either direction of current, useless connections, with their waste of current, are avoided. The indicating hand comes to a dead stop at the correct amperage, thus facilitating quick reading and minimizing the time the meter is left across the terminals.

VOLT-AMMETERS

Range 0-35 Amperes, 0-11 Volts

054396	1003	2	1.75
054397	1011	1 $\frac{11}{16}$	2.00

The cord tip is brought into contact with one of the battery terminals. If the voltage is wanted, the post marked "Volts" at the bottom of the case is brought into contact with the other terminals of the battery; if the amperage is desired the other post, marked "Amp." is brought into contact with the battery terminal. Both readings are taken quickly.

COIL TESTERS

Range 0-3 Amperes in Fifths

054398	1007	2	1.50
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These instruments are of great value in ascertaining whether a spark plug is in adjustment. The scale reads from 0 to 3 in fifths. A reading with the coil tester will show the fraction of an ampere how much current is being taken through the plug.

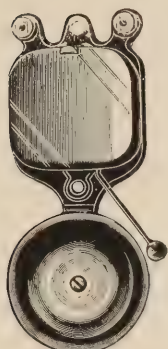
BATTERY AND COIL TESTERS

054399	1008	2	1.75
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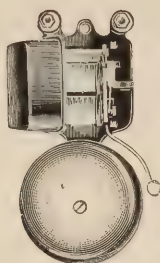
In this instrument is combined an ammeter reading from 0 to 35 which can be used in testing batteries, and a low reading scale from 0 to 3, divided into fifths of an ampere, available through the post marked "Coil."

The Eveready Pocket Meters are accurate and durable. There is no permanent magnet to depolarize and the meters therefore keep their original accuracy for years. The indicating hand comes to a dead stop, without hesitation or wavering, at the correct voltage or amperage of the current being tested.

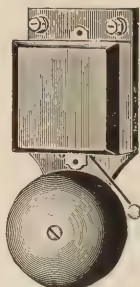
BELLS AND BUZZERS



No. 1830



No. 1845



No. 1841



No. 1900

BELLS

Class C Nonpareil Type

Trade No.	Mfrs. No.	Size Gong Inches	Price Each	Code Word
039696	1845	2½	\$0.50	Afoku
039697	1846	3	.52	Afolb
039698	1847	4	.66	Afolf



No. 1833

Class B Utility Type

039699	1830	2½	.54	Afolp
039700	1831	3	.56	Afalt
039701	1832	4	.70	Afomb
039702	1886	5	1.50	Afomp
039703	1887	6	1.70	Afond



No. 1848

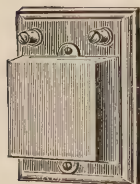
Crescendo Wood Box Type

039704	1841	2½	.90	Afong
039705	1842	3	.92	Afook
039706	1843	4	1.06	Afoom
039707	1878	5	1.60	Afopa
039708	1879	6	1.80	Afopp

BUZZERS

Class C Nonpareil Type

Trade No.	Mfrs. No.	Price Each	Code Word
039709	1848	\$0.48	Aforb



No. 1919

Class B Utility Type

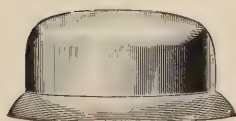
039710	1833	.52	Afork
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Wood Base Type

039711	1919	.80	Afora
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Watch Case Type

039712	1936	.66	Afors
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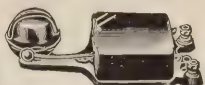
No. 1936

The watch case buzzer is strong, well made and presents a very neat appearance. Cap is heavily nickeled. Size $\frac{7}{8}$ x $1\frac{3}{4}$ inches.

BELLS AND GONGS



No. 1815



No. 1816



No. 1817



No. 1818

BELLS WITH FANCY NICKEL PLATED GONGS



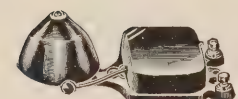
No. 1819



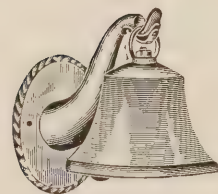
No. 1821



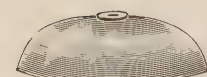
No. 1824



No. 1823



No. 1904



No. 1785



No. 1805

Trade No.	Mfrs. No.	Style Gong	Size Inches	Style Box	Price Each	Code Word
039951	1815	Rectangular	1 1/2 x 2	Iron	\$0.70	Afnbi
039952	1814	Rectangular	1 1/2 x 2	Wood	.84	Afnce
039953	1816	Sleigh	1 1/2	Iron	.70	Afnba
039954	1826	Sleigh	1 1/2	Wood	.84	Afnbe
039955	1817	Swiss	2 1/2	Iron	.70	Afnel
039956	1827	Swiss	2 1/2	Wood	.84	Afnet
039957	1818	Garland	2	Iron	.70	Afnew
039958	1829	Garland	2	Wood	.84	Afnfd
039959	1819	Mikado	2 1/2	Wood	.84	Afnfo
039960	1820	Mikado	2 1/2	Iron	.70	Afnft
039961	1821	Tea	2 3/8	Wood	.84	Afnfs
039962	1822	Tea	2 3/8	Iron	.70	Afnfu
039963	1823	Dome	2 3/8	Iron	.70	Afnhe
039964	1828	Dome	2 3/8	Wood	.84	Afnho
039965	1824	Wood	2 1/2	Iron	.70	Afnib
039966	1825	Wood	2 1/2	Wood	.84	Afnif

ELITE BRACKET BELLS

Trade No.	Mfrs. No.	Price Each	Code Word
039967	1904	Nickel Plated \$4.50	Afnil

GONGS

Trade No.	Mfrs. No.	Cast Size Inches	Price Each	Code Word
039968	1785	2 1/2	\$0.24	Afnis
039969	1786	3	.40	Afniv
039970	1787	3 1/2	.52	Afnja
039971	1788	4	.62	Afnje
039972	1789	5	1.08	Afnjo
039973	1790	6	1.72	Afnka
039974	1791	7	2.36	Afnku
039975	1792	8	3.40	Afnlo
039976	1793	9	5.16	Afnlr
039977	1794	10	5.64	Afnlt
039978	1796	12	7.88	Afnlx
039979	1797	14	15.40	Afnoa
039980	1798	15	17.60	Afnoc
039981	1799	16	21.20	Afnod
039982	1800	18	30.40	Afnol
		Stamped		
039983	1805	2 1/2	.16	Afnon
039984	1806	3	.20	Afnov
039985	1807	4	.40	Afnof
039986	1808	5	.80	Afnpa
039986A	1809	6	1.44	Afnpr

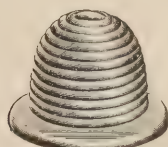
FANCY NICKEL PLATED GONGS

Trade No.	Mfrs. No.	Style Gong	Size Inches	Price Each	Code Word
039987	1770	Rectangular	1 3/8 x 1 7/8	\$0.50	Afnpt
039988	1771	Rectangular	1 3/4 x 2 1/2	.72	Afnpu
039989	1772	Mikado	2 1/2	.50	Afnro
039990	1773	Sleigh	1 9/16	.50	Afnsk
039991	1774	Tea	2 1/8	.50	Afnsi
039992	1775	Tea	3 1/8	.96	Afnste
039993	1776	Swiss	2 1/2	.50	Afnuf
039994	1777	Swiss	2 3/4	.66	Afnuh
039995	1778	Dome	2 3/8	.50	Afnuj
039996	1779	Dome	2 5/8	.60	Afnuk
039997	1780	Garland	1 7/8	.50	Afnup
039998	1781	Wood	2 1/2	.50	Afnux

BUZZERS AND BELLS



Watch Case



Bee Hive



Eco



Lungen

BUZZERS

Watch Case

Trade No.	Mfrs. No.	Size Inches	Price Each	Code Word
028024	$7\frac{7}{8} \times 1\frac{3}{4}$	\$0.64	Lugi

A perfectly adjusted buzzer, has nickel plated brass box with nickel plated binding posts on the outside.

Bee Hive

028025	$2\frac{1}{4} \times 2\frac{3}{4}$.74	Luhl
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The internal construction of the Bee-Hive buzzer has been entirely rearranged and is fitted with the same working parts as the watch-case buzzers. The top unscrews and binding posts are located under the base.

Eco, 3 Ohms

028026	0	.....	.65	Luhm
028027	1	.....	.55	Luhn
028028	2	.....	.60	Luho
028029	3	.....	.65	Luja
028030	4	.....	.70	Luke

Lungen, 3 Ohms

028031	0	.....	.90	Lulf
028032	1	.....	.65	Lulk
028033	2	.....	.80	Lulp
028034	3	.....	.85	Lumo
028035	4	.....	.90	Lump

The Nos. 1, 2 Eco and Lungen buzzers have nickel plated covers.

The Nos. 2, 3 and 3 Eco and Lungen buzzers have Japanned plated covers.

BELLS

Eco, 3 Ohms

Trade No.	Size Gong Inches	Style Finish	Std. Pkg.	Price Each	Code Word.
028036	1	Nickel Plated	12	\$0.90	Lumu
028037	$1\frac{3}{4}$	Nickel Plated	12	.75	Lung
028038	2	Japanned case N. P. gong	12	.80	Lunk
028039	$2\frac{1}{2}$	Japanned case N. P. gong	25	.60	Luns
028040	3	Japanned case N. P. gong	25	.65	Lunx
028041	4	Japanned case N. P. gong	25	.85	Luof

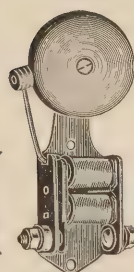
Lungen, 4 Ohms

028042	1	Nickel Plated	6	1.00	Luom
028043	$1\frac{3}{4}$	Nickel Plated	6	.90	Lupa
028044	2	Japanned case N. P. gong	6	.92	Lupe
028045	$2\frac{1}{2}$	Japanned case N. P. gong	12	.70	Luph
028046	3	Japanned case N. P. gong	12	.75	Lurb
028047	4	Japanned case N. P. gong	12	1.00	Lurg
028048	5	Japanned case N. P. gong	6	2.50	Lurl

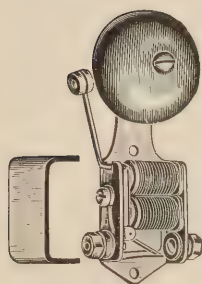
DANDY AUTOMATIC ANNUNCIATORS

028049	Two point indicating bell	2.50	Lurm
028050	Three point buzzer	3.50	Lurn
028051	Special lettering, extra	.10	Lusu

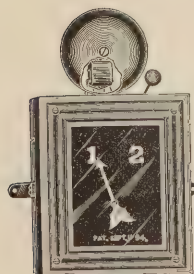
A small metal buzzer fastened to the gong post of a two point annunciator will make it a three point annunciator.



Eco



Lungen

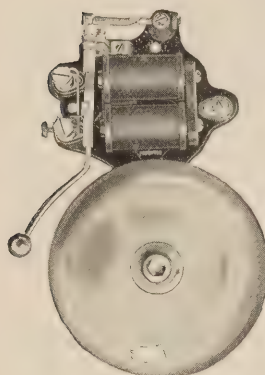


Dandy

FARADAY SKELETON BELLS

PIVOTED ARMATURE SKELETON BELLS, CLASS A

Bell Metal Gongs, Vibrating Type



Trade No	Mfrs. No.	Size Gong Inches	Frame No.	Resistance in Ohms		PRICE, EACH	
						6-11	12-24
071001	FS- 2½	2½	1	1.5	\$ 2.56	\$ 2.30	\$ 2.12
071002	FS- 3	3	1	1.5	2.64	2.38	2.18
071003	FS- 4	4	1	1.5	3.00	2.68	2.48
071004	FS- 5	5	2	2.1	4.32	3.88	3.58
071005	FS- 6	6	2	2.1	4.88	4.38	4.04
071006	FS- 7	7	3	3.	6.94	6.22	5.74
071007	FS- 8	8	3	3.	7.62	6.84	6.30
071008	FS-10	10	4	5.2	12.18	10.92	10.08
071009	FS-12	12	X5	5.2	15.24	13.66	12.60
071010	FS-14	14	X5	5.2	30.46	27.30	25.20
071011	FS-15	15	X5	5.2	39.60	35.50	32.76
071012	FSL-15	15	6	8.	54.82	49.14	45.36
071013	FS-16	16	6	8.	57.86	51.88	47.88
071014	FS-18	18	6	8.	67.00	60.06	55.44

Platinoid contacts furnished unless otherwise specified.

Add to above prices for pure platinum contacts—60 cents list for bells up to and including 6 inches in diameter; \$1.00 list for bells 7 inches and larger. Add for "Triplex" platinum contacts \$1.50 net to above prices. Special resistance gongs to order.

Assortment of all sizes of Faraday Skeleton and Competition Skeleton Bells permitted to make up quantity, but enclosed type bells cannot be included with skeleton bells to make up quantity.

Faraday Skeleton Bells will be wound, when specially ordered, to any resistance up to 2000 ohms; we do not recommend skeleton bells for 110, 220 or 500 volts service. For this service, Faraday Enclosed Type Bells (with no exposed terminals) shown on other pages should be invariably used.

Faraday Skeleton Bells up to 6 inches, inclusive, will operate on both A. C. and D. C. circuits when wound to proper resistance (500 ohms for 100-120 volts D. C.; 125 ohms for 60 cycle, 100-115 volts A. C.). Above 6 inches these gongs will not give satisfactory service on A. C. circuits, and Faraday Double-Gong Bells must be used.

Above Faraday Skeleton Type Gongs will be furnished single stroke, when specially ordered, at same price, as vibrating bells shown herewith, but for important single stroke work the Faraday Single-Stroke Gong is recommended, and the slight advance in price will be found more than justified.

Decisive Points of Superiority

High Power Armature: Patented "High-Power" armature allows the keeping of armature in magnetic field up to the moment of striking the gong—twice the power of any other skeleton mechanism made.

Breakage of springs cannot disable bell.

Insulated Mechanism: Frame of bell carries no current at any time, as entire electrical mechanism is insulated from frame casting. These bells may be mounted on metal without fear of grounding.

Solid Back: Solid back prevents dampness from getting into insulation washers on back of bell, or affecting magnet windings. All insulation washers sealed-in with waterproof wax.

Locking Side Contact Post: New patented split-section side contact post compresses both sections against thread of platinum contact screw and positively locks with cone cap piece having taper thread; no injuring of platinum screw thread and adjusting to a thousandth of inch assured at all times.

Solid Trunnion Frame: Solid trunnion frame cannot work loose or move in any direction. Improved split section, replacing old locknut on trunnion frame, compresses against upper trunnion screw and no amount of jarring can loosen the upper bearing.

Cylindrical Trunnion Bearings, extra heavy cylindrical type: There is no possibility of armature breaking away from either upper or lower bearing, as in other makes; construction utilizes full strength of both upper and lower trunnion frame casting.

Non-Turning Contact and Binding Posts: Non-turning and non-loosening binding posts equipped with split steel lock-washers prevent connections from ever jarring loose.

Contact Spring: Contact spring can never break, but when contact point wears out, new spring may be replaced without taking bell from wall.

Cores: Cores are milled into back yoke of casting, not butted up against a japanned surface; this insures a perfect magnetic circuit and increases the power of the bell at least twenty-five per cent.

Contact Points: Contact points are made of platinoid or pure platinum as specified and are always plainly marked on both screw and spring.

NOTE—The Underwriters' Laboratories approve only the enclosed type bells for signal systems coming under their supervision.

COMPETITION SKELETON BELLS AND FARADAY BUZZERS

COMPETITION SKELETON BELLS

Class B

Competition Class B Bells differ from the Faraday Class A principally in the following details:

Stamped steel gongs in place of bell metal gongs.

Old style armature in place of "High-Power" armature.

Mechanism not insulated from frame casting as in Faraday Class A.

Silver contacts in place of platinum and platinoïd.

Less accurate trunnion construction and has no protection shield.

Binding posts simply non-turning in place of Faraday Patented Duplex Posts, non-turning and non-loosening.

Class B bells are not wound to any special resistance. They are made and carried in stock only as listed below.

If bells are required wound to special resistance, or with any special features other than regularly embodied in competition bells, Faraday Class A Bells must be specified.

Points of Superiority

Contact and binding posts are non-turning. Contact spring on armature can be removed in a moment and replaced with a new one without disturbing the mechanism or taking the bell from the wall. Hammer rod and ball will remain rigid and immovable as long as the bell lasts. Frame is reinforced to prevent breaking, and also provided with cast lugs to prevent denting and cutting into plastered walls. Contact and adjusting springs are made of phosphor-bronze, heavily nickel-plated.

Trade No.	Mfrs. No.	Size Gong Inches	No. of Frame	Std. Resistance Ohms	Less than 6	PRICE EACH 6 to 11	12 to 24
082629	CS- 2½	2½	1	1.5	\$2.24	\$2.00	\$1.84
082630	CS- 3	3	1	1.5	2.26	2.04	1.88
082631	CS- 4	4	1	1.5	2.40	2.16	2.00
082632	CS- 5	5	2	2.1	3.50	3.16	2.90
082633	CS- 6	6	2	2.1	3.72	3.34	3.08
082634	CS- 7	7	3	3.	6.10	5.46	5.04
082635	CS- 8	8	3	3.	6.76	6.06	5.60
082636	CS-10	10	4	5.2	10.48	9.40	8.66
082637	CS-12	12	X5	5.2	11.66	10.46	9.64

Assortment of all sizes of Competition Skeleton and Faraday Skeleton Bells permitted to make up quantity, but Enclosed Type Bells cannot be included.

FARADAY ENCLOSED TYPE BUZZERS

As shown in illustrations, the mechanism of these buzzers is protected by a heavy Bauer-Barff Iron Case and whether used for interior work, or outdoor work exposed to the weather, are always to be depended upon; all connections for circuit wires are within the case itself, no outside terminals. Patented "High-Power" mechanism keeps armature in magnetic field up to the moment armature strikes core, twice the power of any other mechanism made.

Frame of buzzer carries no current at any time as entire electrical mechanism is insulated from frame casting. These buzzers may be mounted on metal without fear of grounding.

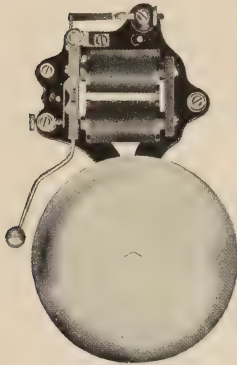
Breakage of tension spring will not disable mechanism.

Side contact adjustment is of our own patented micrometer-lock type; all working parts are heavily copper-plated against dampness. Magnet coils are waterproof; soft rubber gasket between frame and cover guards against outside moisture. Triplex contacts will be furnished when specially ordered, and ensure the best contact construction ever made. Contacts are always pure platinum.

Trade No.	Mfrs. No.	No. of Frame	Resistance Ohms	Size Inches	Price Each
082638	99	0	1.4	3⅛ x 3⅛ x 1⅝	\$3.50
082639	101	1	1.5	4¼ x 4 x 2⅞	4.00

Triplex platinum contacts, \$1.50 net per buzzer.

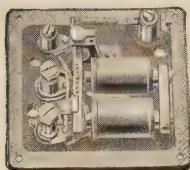
NOTE—Special resistance buzzers to order.



Competition Skeleton Bell

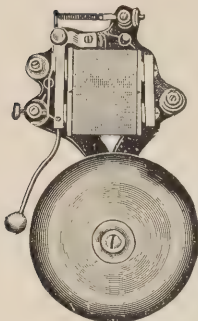


No. 101 Buzzer
Cover in Position



No. 101 Buzzer
Cover Removed

BELLS



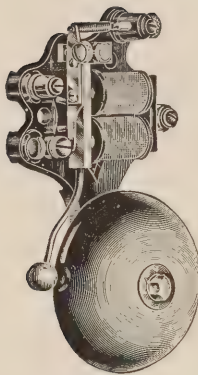
Class B

CLASS B, PIVOTED ARMATURE SKELETON BELLS

Trade No.	Mfrs No.	Size Gong Inches	Price Each
040012	7910	2½	\$2.24
040013	7911	3	2.26
040014	7912	4	2.40
040015	7913	5	3.50
040016	7914	6	3.72
040017	7916	8	6.76
040018	7917	10	10.48
040019	7918	12	11.66

This bell is well made and a reliable pivoted armature skeleton bell. It is neat and symmetrical in appearance. All trimmings are heavily nickel plated. The contact and binding posts are non-turnable. Gong is of pressed steel and is heavily nickel plated.

CLASS A, PEERLESS SKELETON BELLS



Class A

Trade No.	Mfrs No.	Frame No.	Size Gong Inches	Price Each
040020	2080	1	2½	\$2.56
040021	2081	1	3	2.64
040022	2082	1	4	3.00
040023	2083	2	5	4.32
040024	2084	2	6	4.88
040025	2085	3	7	6.94
040026	2086	3	8	7.62
040027	2087	4	10	12.18
040028	2088	5	12	15.24
040029	2089	5	13	30.46
040030	2090	5	14	30.46
040031	2091	5	15	39.60
040032	2092	6	15	54.82
040033	2093	6	16	57.86
040034	2094	6	18	67.00

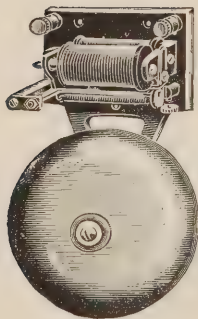
The Peerless Pivoted Armature Skeleton Bells are designed for service where a dependable bell is absolutely necessary and are constructed for strength, durability and positive electrical contacts. The contact posts are recessed into the frame so securely that perfect alignment of contact points is assured.

The contact springs are of phosphor bronze heavily nickel plated and a new spring can easily be inserted when contact points become worn.

The non-turnable gongs are of the best cast bell metal, heavily nickel plated and hammer rod and ball are securely fastened. The frame is a solid base without openings except for holding screws.

All parts are interchangeable and each bell carries a guarantee of absolute satisfaction.

SINGLE STROKE BELLS



Single Stroke

Trade No.	Mfrs No.	Size Gong Inches	Price Each
040035	2145	3	\$4.60
040036	2146	4	5.00
040037	2147	5	5.76
040038	2148	6	6.52
040039	2149	8	10.76
040040	2150	10	12.64
040041	2151	12	13.82
040042	2152	14	42.00
040043	2153	16	51.00
040044	2154	18	66.00

EDWARDS BELLS

RECTI BELLS

Designed for fire alarms, automobiles, factories, signal systems, mine or marine use. Heavy cast japanned box, with oil-soaked felt gasket, enclosing mechanism; direct-acting straight line hammer rod; magnets impregnated with moisture-resisting compound; contacts extra heavy, and in No. 100, sizes 5-inch and upward, carbon contacts are made from standard size carbon rod; phosphor-bronze springs, best grade cast bell metal gongs.

No. 100—3 OHMS

Trade No.	Size In.	Reg-ular	Up to 25	26 to 50	VOLTS, DIRECT CURRENT					111 to 125	126 to 150	151 to 225
					51 to 60	61 to 75	76 to 90	91 to 110				
086442	3	\$5.50	\$6.00	\$6.25	\$6.75	\$7.25	\$7.75	\$8.25	.....	.....	.....
086443	4	5.75	6.25	6.50	7.25	7.75	8.25	8.75	.....	.....	.....
086444	5	7.50	8.10	8.45	9.30	9.90	10.50	11.10	.....	.....	.....
086445	6	8.50	9.10	9.45	10.30	10.90	11.50	12.10	12.60	13.60	15.60	
086446	7	9.50	10.10	10.45	11.30	11.90	12.50	13.10	13.60	14.60	16.60	
086447	8	10.50	11.10	11.45	12.30	12.90	13.50	14.10	14.60	15.60	17.60	
086448	9	13.50	14.20	14.65	15.60	16.30	17.00	17.70	18.30	19.40	21.50	
086449	10	16.50	17.20	17.65	18.60	19.30	20.00	20.75	21.40	22.70	24.75	
086450	12	22.50	23.25	23.75	24.70	25.40	26.25	27.00	27.75	29.00	31.10	
086451	14	27.50	28.25	28.80	29.75	30.50	31.25	32.10	32.90	34.25	36.50	
086452	15	52.50	53.25	53.75	54.70	55.50	56.25	57.00	57.75	59.00	61.25	
086453	16	55.00	55.80	56.30	57.25	58.00	58.75	59.75	60.50	61.50	63.50	
086454	18	62.50	63.25	64.00	64.80	65.50	66.25	67.20	67.90	69.00	71.50	

Prices for special resistance bells quoted on application.

For carbon contacts in sizes 3 and 4-inch, add to list, 50 cents.

RECTI-UNDERDOME BELLS, No. 219

Furnished at the same prices as No. 100 standard bells, listed above.

HIGH VOLTAGE TYPE, No. 217

Long, quick-break contacts, slate base mounting, operates gong only. Designed for intermittent service; not weatherproof. Suitable for use directly on the line without external resistance.

Trade No.	Size Inches	Up to 299	VOLTS, DIRECT CURRENT		550 to 600
			300 to 499	500 to 549	
086455	6	\$25.00	\$31.00	\$32.00	\$33.50
086456	8	27.00	33.00	34.00	35.50
086457	10	32.50	38.50	39.50	41.00
086458	12	40.00	46.00	47.00	48.50
086459	14	45.00	51.00	52.00	53.50
086460	16	65.00	71.00	72.00	73.50
086461	18	72.50	78.50	79.50	81.00

ALTERNATING CURRENT TYPE, No. 100 A. C.

100 to 125 Volts, Single-Phase, 60 Cycles—Carbon Contacts

Trade No.	Size Inches	Price Each	Trade No.	Size Inches	Price Each
086462	4	\$9.40	086466	8	\$16.10
086463	5	12.50	086467	9	20.70
086464	6	13.70	086468	10	24.30
086465	7	14.90	086469	12	32.50

BUZZERS, No. 220—3 OHMS

Construction and specifications similar to the Recti No. 100, shown above.

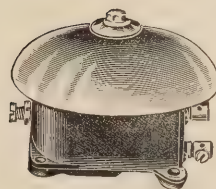
Trade No.	Style	DIMENSIONS, INCHES			Price Each
		Height	Width	Depth	
086470	A, without carbon contacts	4½	3½	2½	\$4.80
086471	B, with carbon contacts...	6	4¼	2¾	7.20

If Style A is wanted with carbon contacts, add to list, 50 cents.

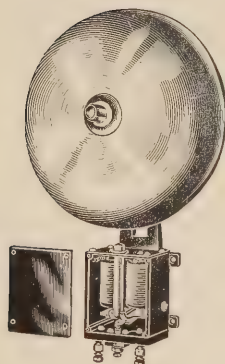
In ordering, always specify voltage desired.



No. 100



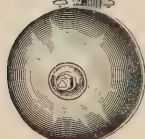
Underdome



High Voltage

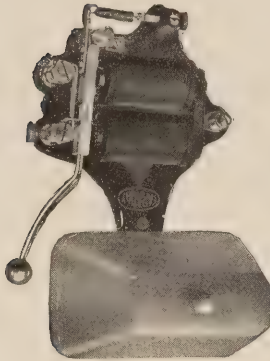


Alternating Current Type



Buzzer

FARADAY BELLS WITH FANCY GONGS



Skeleton Bell



Enclosed Type
Model A



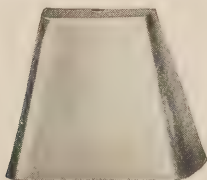
Tea Gong



Garland Gong



Sleigh Gong



Rectangular or Cow Gong

Both Faraday Skeleton and Faraday Enclosed Type Bells will be furnished with what is termed "fancy gongs" in place of regular round gongs, and, when so ordered on skeleton frames, same may be included to make up quantity.

Fancy gong equipment is usually required when a different sounding gong is wanted, and for this, we particularly recommend the rectangular or cow gong as by far the most penetrating as well as the most different from regular round gongs.

SKELETON BELLS WITH FANCY GONGS

With Rectangular or Cow Gongs

Trade No.	Size, Gong Inches	Frame No.	Resistance Ohms	Less than 6	PRICE, EACH 6 to 11	12 to 24
081143	1 $\frac{3}{4}$ x 2 $\frac{1}{2}$	1	1.5	\$4.44	\$4.08	\$3.67
081144	2 x 3	1	1.5	4.61	4.24	3.82
081145	3 $\frac{1}{8}$ x 5	2	2.1	7.77	7.15	6.43
081146	4 $\frac{1}{4}$ x 6	3	3	16.31	15.00	13.50

With Sleigh Gongs

031147	1 $\frac{1}{2}$ x 2 $\frac{1}{2}$	1	1.5	4.44	4.08	3.67
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With Garland Gongs

081148	2 x 2 $\frac{1}{4}$	1	1.5	4.30	4.00	3.60
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With Open, Breakfast, Tea or House Gongs

081149	2 $\frac{1}{2}$ x 1 $\frac{3}{4}$	1	1.5	4.30	4.00	3.60
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Any of the above may be included with standard skeleton bells to make up quantity.

ENCLOSED TYPE BELLS, MODEL A, WITH FANCY GONGS

With Rectangular or Cow Gongs

Trade No.	Size, Gong Inches	Frame No.	Resistance Ohms	Price Each
081150	1 $\frac{3}{4}$ x 2 $\frac{1}{2}$	0	1.4	\$6.20
081151	2 x 3	0	1.4	6.35
081152	1 $\frac{3}{4}$ x 2 $\frac{1}{2}$	1	1.5	7.00
081153	2 x 3	1	1.5	7.15
081154	3 $\frac{1}{8}$ x 5	2	2.1	11.00
081155	4 $\frac{1}{4}$ x 6	3	3	18.00

With Sleigh Gongs

081156	1 $\frac{1}{2}$ x 1 $\frac{1}{2}$	0	1.4	6.20
081157	1 $\frac{1}{2}$ x 1 $\frac{1}{2}$	1	1.5	7.00

With Garland Gongs

081158	2 x 2 $\frac{1}{4}$	0	1.4	6.00
081159	2 x 2 $\frac{1}{4}$	1	1.5	6.75

With Open, Breakfast, Tea or House Gongs

081160	2 x 2 $\frac{1}{4}$	0	1.4	6.00
081161	2 x 2 $\frac{1}{4}$	1	1.5	6.75

FARADAY DOME GONGS

These gongs are made in 6, 8, and 10-inch sizes for important signal work where a self-contained mechanism is desired.

In this mechanism, our Faraday High-Power Hammer-Blow Type Armature construction is employed, making possible a slow movement gong of unusually powerful stroke. Made in three (3) models, as follows:

DB, for regular installations. DBC, for use in connection with conduit for surface work. DBFC, for use in connection with conduit for flush work.

The mechanism has all good details of our standard Faraday Enclosed Type Gong such as micrometer-lock adjustments, non-turning and non-loosening binding posts, cylindrical bearings, waterproof magnet coils, pure platinum contacts, etc., etc.

Breakage of spiral tension spring cannot disable gong.

Frame of bell carries no current at any time, as entire electrical mechanism is insulated from frame casting; bells may be mounted on metal or on damp walls, without fear of grounding.

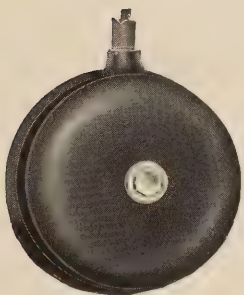
Will be furnished when specially ordered, wound to special resistance to operate direct in multiple on 110 or 220-volt D. C. circuits with no external resistance of any kind. For 500-volt D. C. circuits they will be wound to a resistance of 150 ohms, and should be used with lamp resistance as shown in blue print attached to each gong sent out.

On special order they will be furnished for 500-volt circuit work for use in connection with Faraday Resistance Panels.

Faraday Dome Gongs up to 6 inch inclusive, will operate on both A. C. and D. C. circuits, when wound to proper resistance (500 ohms for 100-120 volts D. C.; 125 ohms for 60 cycle, 100-115 volts A. C.). Above 6-inch, these gongs will not give satisfactory service on alternating current circuits and Faraday Double-Gong Bells must be used. Faraday Dome Type Gongs will be furnished single-stroke, when specially ordered, at same price as vibrating bells shown herewith.



Model DB
Regular Pattern



Model DBC
For Surface Conduit Work



Model DBFC
For Flush Conduit Work

MODEL DB—FOR REGULAR WORK

Trade No.	Mfrs. No.	Size, Gong Inches	No. of Frame	Resistance Ohms	Price Each
073784	DB- 6	6	2	2.1	\$11.00
073785	DB- 8	8	3	3	13.50
073786	DB-10	10	4	5.2	20.50

MODEL DBC—FOR SURFACE CONDUIT WORK

073787	DBC- 6	6	2	2.1	18.50
073788	DBC- 8	8	3	3	22.50
073789	DBC-10	10	4	5.2	30.50

MODEL DBFC—FOR FLUSH CONDUIT WORK

073790	DBFC- 6	6	2	2.1	18.50
073791	DBFC- 8	8	3	3	22.50
073792	DBFC-10	10	4	5.2	30.50

NOTE—Add for "Triplex" Platinum Contacts, \$1.50 NET.

SPECIAL RESISTANCE DOME BELLS

Prices to be Added to List of Standard Bells Shown Above

Ohms per Bell	PRICE, EXTRA, PER BELL		Ohms per Bell	PRICE, EXTRA, PER BELL	
	6-inch	8 and 10-inch		6-inch	8 and 10-inch
5 to 10	\$0.80	\$1.00	251 to 300	\$3.60	\$4.00
11 to 20	1.20	1.40	301 to 350	4.40	4.80
21 to 50	1.40	1.70	351 to 400	5.20	5.60
51 to 100	1.60	2.00	401 to 450	5.60	6.00
101 to 150	1.90	2.30	451 to 500	6.00	6.80
151 to 200	2.20	2.60	501 to 1000	6.50	7.50
201 to 250	2.80	3.20	1001 to 2000	7.25	8.50

OHMS RESISTANCE FOR VARIOUS D. C. VOLTAGES

Ohms per Bell	Voltage Adapted to Operate on	Ohms per Bell	Voltage Adapted to Operate on	Ohms per Bell	Voltage Adapted to Operate on	Ohms per Bell	Voltage Adapted to Operate on
5	6-10	100	25-30	300	55-65	500	105-110
10	10-15	150	30-35	350	65-80	550	110-120
20	15-20	200	35-45	400	80-95	1000	120-130
50	20-25	250	45-55	450	95-105	2000	220-240

NOTE—Above data is approximate and may be slightly varied from in actual practice, without bad results.

FARADAY SCREEN-ENCLOSED GONGS

VIBRATING WEATHERPROOF TYPE



Model CS
Regular Pattern



Model CCS
Conduit Pattern

Faraday Screen-Enclosed Type Signal Gongs have been brought out to meet the increasing demand for a signal gong with mechanism, gong, hammer rod and ball, all protected from external injury, nesting of birds, etc.

Model CS is not arranged for conduit work, whereas Model CCS is made for conduit work.

Both Models CS and CCS Gongs are identical with other Faraday Enclosed Type Models in detail of mechanism; both have new patented "High-Power" armature, micrometer side contact adjustment, mechanism fully insulated from frame casting which at no time carries any current; bells may be mounted on metal without fear of grounding; rubber gaskets between frame and casing prevent dampness getting at interior; coils are waterproof and protected by windings of linen cord heavily shellaced.

SCREEN-ENCLOSED GONGS

Bell Metal Gongs, Pure Platinum Contacts, No Outside Terminals

Size Gong Inches	Frame No.	Resistance Ohms	Model CS		Model CCS	
			Trade No.	Price Each	Trade No.	Price Each
5	2	2.1	075741	\$15.50	075748	\$23.50
6	2	2.1	075742	16.50	075749	24.50
7	3	3	075743	21.50	075750	31.50
8	3	3	075744	22.50	075751	32.50
9	4	5.2	075745	31.50	075752	45.50
10	4	5.2	075746	34.50	075753	48.50
12	X5	5.2	075747	46.50	075754	61.50

Add for "Triplex" platinum contacts, \$1.50 *net* to above prices.

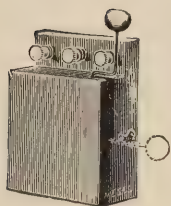
Special resistance bells made to order. Prices on application.

Faraday Gongs shown above will be furnished when specially ordered wound to special resistance to operate direct in multiple without external resistance on 110 or 220-volt D. C. circuits. For 500-volt D. C. circuits, they will be wound to a resistance of 150 ohms and should be used with external lamp resistance as shown in blue print attached to each gong sent out.

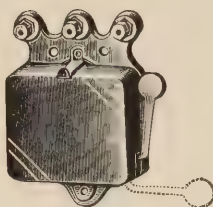
Faraday Gongs up to 6 inches inclusive will, when wound to proper resistance (500 ohms for D. C., 100-125 volts, and 125 ohms for 60 cycle A. C., 100-115 volts) operate on D. C. and A. C. circuits; above 6 inches, these bells will not give satisfactory service on alternating current, and Faraday Double-Gong Bells must be used.

Above models Faraday Enclosed Type Gongs will be furnished single stroke when specially ordered at same price as vibrating bells shown herewith.

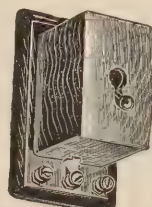
AUTOMATIC DROPS AND FIRE ALARM BOXES



No. 1580



No. 1582



No. 1584

AUTOMATIC DROPS

Wood Box

Trade No.	Mfrs. No.		Price Each	Code Word
048529	1580	For battery circuit	\$1.30	Apjoh
048530	1581	For magneto circuit 80 ohms	2.00	Apjok

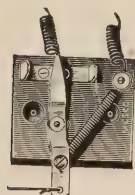
Iron Box

048531	1582	For battery circuit	1.00	Apjow
048532	1583	For magneto circuit 80 ohms	1.70	Apjpo

Oak, Nickel Plated Trimmings

048533	1584	For battery circuit	1.10	Apjra
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Continuous ringing attachments for burglar alarms, bells and magneto circuits. These drops are used for closing a bell circuit automatically and keeping it closed as long as desired.



No. 1605



No. 1652

FIRE ALARM BOXES

048534	1652		.80	Apjte
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This fire alarm box is used in hotels and factories, to give notice in case of fire. All that is necessary is to break the glass with the hammer. The contact spring which is held in place by the glass, is then released, closing the circuit and immediately giving the signal at some central point.

SIGNAL FIRE ALARM BOXES

048535	1744	Fire alarm box	15.00	Apjtu
048536	1745	With weatherproof case	25.00	Apjuc

The above box in a japanned iron box, size $6 \times 4\frac{1}{2} \times 3$ inches, fitted with slow motion mechanism, which, when released, will repeat the number five times. Can be arranged so as to release the mechanism either by breaking of glass or by pulling down lever at the side of box.

Each box is arranged to give different numbers to locate the point from which alarm is sent.

Is especially constructed for use with any electro mechanical gong.

This fire alarm box is also used for outdoor alarms when encased in our special weather and dust-proof iron case with spring lock. Size of case, $8\frac{1}{2} \times 7\frac{1}{2} \times 4$ inches.



No. 1744

BURGLAR ALARM TRAPS

048537	1605	Burglar alarm trap	.25	Apjuk
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The slightest disturbance of string draws the needle to the right and closes bell circuit, and if string is broken the spring draws the needle to the left, the circuit is completed and bell gives alarm.

AUTH ANNUNCIATORS

GRAVITY ANNUNCIATORS, No. 369



No. 369

Trade No.	No. of Drops	Dimensions Inches	Price Each
062720	2	6 $\frac{3}{8}$ x5 $\frac{5}{8}$	\$3.00
062721	3	6 $\frac{3}{8}$ x5 $\frac{5}{8}$	3.50
062722	4	8 $\frac{5}{8}$ x6 $\frac{1}{8}$	3.60
062723	5	8 $\frac{5}{8}$ x6 $\frac{1}{8}$	4.00
062724	6	8 $\frac{5}{8}$ x6 $\frac{1}{8}$	4.80
062725	7	11 $\frac{1}{8}$ x6 $\frac{1}{8}$	5.50
062726	8	11 $\frac{1}{8}$ x6 $\frac{1}{8}$	5.80
062727	9	11 $\frac{1}{8}$ x6 $\frac{1}{8}$	6.15

All metal finished in black rubber mounted with nickel trimmings. Furnished complete with No. 1-G Auth gravity drops, double gong protected bell and strong reset mechanism. The reset mechanism, drops, and terminals are mounted on a hard wood backboard. The metal case is fastened to backboard with strong nickel hooks.

All connections are soldered and the line wires are fastened to our standard "No Slip" brass machine screw terminals. Can be wired for multiple use at a small additional cost.

The black rubber finish will harmonize with any trim.



No. 7FA

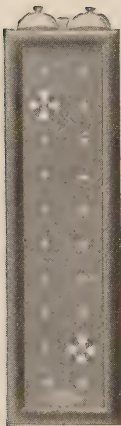
BREAK GLASS FIRE ALARM ATTACHMENTS

Trade No.	Mfrs. No.	Description	Price Each
062728	7FA	Flush with wall, cast brass.....	\$2.60
062729	7 $\frac{1}{2}$	Surface, wall, golden oak mat	3.00

Special finishes, extra.

Breaking glass releases springs and forms contact which gives alarm. Has a specially patented snap hinged ring which permits of testing the circuit from the contacts as if the glass were broken.

ELEVATOR ANNUNCIATORS



No. 11RE

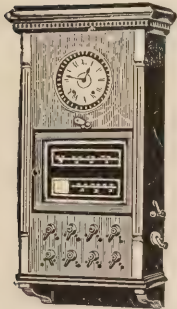
No. 11RE—Reset Style			No. 11GE—Gravity Style	
No. of Drops	Trade No.	Price Each	Trade No.	Price Each
3	062730	\$6.70	062741	\$6.10
4	062731	7.90	062742	7.10
5	062732	9.00	062743	8.00
6	062733	10.20	062744	9.00
7	062734	11.30	062745	9.90
8	062735	12.40	062746	10.80
9	062736	13.60	062747	11.60
10	062737	14.50	062748	12.50
12	062738	16.80	062749	14.40
16	062739	20.80	062750	17.60
20	062740	25.00	062751	21.00

No. 11RE is a compact, highly polished elevator annunciator, equipped with the Auth electrical reset drop. Has double gong bell and a reset button in bottom of case. Golden oak finish standard. Special finishes, extra. Any capacity.

No. 11GE is the same style as No. 11RE but is equipped with the Auth gravity drop. Has double gong bell and hand restorer in bottom of case.

ANNUNCIATORS

AUTOMATIC CLOCK BURGLAR ALARMS



No. 1711

Trade No.	Mfrs. No.	No. Section	Price Each	Code Word
039713	1710	6	\$56.00	Afnyn
039714	1711	8	60.00	Afoad
039715	1712	10	65.00	Afoag

Has fifteen-days Seth Thomas Pendulum Clock, which automatically disconnects any sections that are switched on the left hand points and rings servants' call at time indicated by setting the small center dial.

The attachments and their uses are as follows:

The Silent Test—To indicate when the house is properly closed.

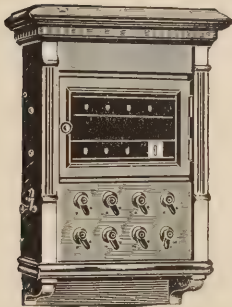
The Bell Test—To indicate if bell and line are in proper order.

The Battery Test—To indicate if the battery is in proper order.

The Constant Ringing Switch causes the bell to ring continuously until disconnected at the instrument.

The Servants' Call Switch causes servants' bell to ring at any time desired.

The highly finished case can be furnished in any wood to match trim.



No. 1708

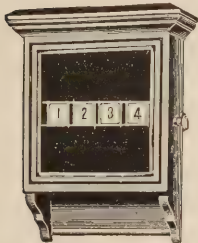
BURGLAR ALARM ANNUNCIATORS

Trade No.	Mfrs. No.	No. Drop	Price Each	Code Word
039716	1705	4	\$12.50	Afoax
039717	1706	5	13.00	Afobe
039718	1707	6	16.50	Afobo
039719	1708	8	18.00	Afoca
039720	1709	10	19.50	Afoda

This Burglar Alarm Annunciator has gravity drop, constant ring, silent test and sectional switches. The case is well finished and substantially made, and so constructed that it may be removed, leaving the blackboard on which the drops are mounted attached to the wall so they may be easily inspected.

The metal base of switches are numbered or lettered to correspond with drop tag. All exposed metal parts heavily nickel plated.

Furnished in oak, walnut, mahogany or cherry, at short notice.



No. 1663

HOUSE CALL ANNUNCIATORS

With Concealed Bell or Buzzer

Trade No.	Mfrs. No.	No.	Price	Code
039721	1674	2	3.00	Afods
039722	1662	3	3.50	Afoek
039723	1663	4	3.60	Afoto
039724	1664	5	4.00	Afoft
039725	1665	6	4.80	Afofu
039726	1666	7	5.50	Afoga
039727	1667	8	5.80	Afoge
039728	1668	10	6.50	Afogo

These Annunciators are particularly adapted for Apartment Houses, Kitchens, Offices, etc. The cases are nicely finished in any wood desired.

With Monitor Bell

Trade No.	Mfrs. No.	No.	Price	Code
039729	1669	2	3.20	Afogs
039730	1670	4	4.20	Afogu
039731	1671	6	5.50	Afohl
039732	1672	8	6.60	Afoje

These small, neat compact and reliable Annunciators have drops the same as used in our regular house call types. An iron monitor bell is mounted on top of case.

Made in ash and oak for regular stock. All other finishes made to order.

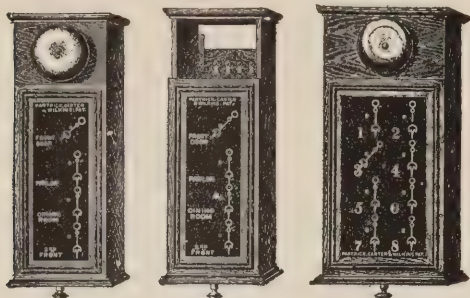


No. 1670

GRAVITY ANNUNCIATOR DROPS

Trade No.	Mfrs. No.	Price Each	Code Word
039733	1715	....	Afoki

ANNUNCIATORS.



4 Number. Showing Bell Removed. 8 Number.

"COMPETITION" ANNUNCIATORS.

The case does not require any catches or brackets to fasten it to the wall. Removing bell from face of case permits easy access to washers for wiring and makes a neat and substantial way of fastening annunciator to the wall. The case is dust and bug proof.

The annunciator can be fastened to the wall and connected up complete before bell is fastened on. This gives the great advantage of adjusting bell away from the annunciator. Made of Oak wood.

Trade No.		Width.	SIZE OF CASE.			Price, Each.	Code Word.
			Height.	Depth.			
1849	3 numbers,	6	12 $\frac{3}{4}$	3 $\frac{7}{8}$		\$ 5.00	Paragram
1850	4 numbers,	6	14 $\frac{3}{4}$	3 $\frac{7}{8}$		5.50	Paragraph
1851	5 numbers,	6	16 $\frac{3}{4}$	3 $\frac{7}{8}$		6.00	Parallax
1852	6 numbers,	7 $\frac{1}{2}$	12 $\frac{3}{4}$	3 $\frac{7}{8}$		7.00	Parcel
1853	8 numbers,	7 $\frac{1}{2}$	14 $\frac{3}{4}$	3 $\frac{7}{8}$		8.50	Parcelpost
1854	10 numbers,	7 $\frac{1}{2}$	16 $\frac{3}{4}$	3 $\frac{7}{8}$		10.00	Parcener
1855	12 numbers,	9 $\frac{1}{2}$	14 $\frac{3}{4}$	3 $\frac{7}{8}$		12.00	Parch
1856	15 numbers,	9 $\frac{1}{2}$	16 $\frac{3}{4}$	3 $\frac{7}{8}$		15.00	Parches
1857	20 numbers,	11 $\frac{1}{2}$	16 $\frac{3}{4}$	3 $\frac{7}{8}$		20.00	Parching

The 3, 4 and 5 number in single row.

"KING" ANNUNCIATORS.

Bell is movable, so that working parts can be readily examined without taking the annunciator from the wall. Made in four sizes, oak cases, glass front. Perfect in all its working parts and reliable in every way.



Trade No.		Width.	Height.	Depth.		Code Word
1858	2 No.	4 $\frac{1}{2}$	6 $\frac{1}{4}$	3 $\frac{1}{2}$	\$2.80	Pard
1859	4 No.	5	9 $\frac{3}{8}$	3 $\frac{1}{2}$	4.00	Parde
1860	6 No.	5	11 $\frac{3}{8}$	3 $\frac{1}{2}$	5.00	Pardo
1861	8 No.	5	13 $\frac{3}{8}$	3 $\frac{1}{2}$	6.50	Pardon



Buzzer Attachment.

An additional point can be made on our Annunciator by placing one of our Pocket Buzzers on top of case. This is a handy and useful attachment as indication for dining-room. The sound of the buzzer will notify servants that they are wanted in the dining-room without referring to annunciator.



Trade No.	Price.		each	\$1.00	Code Word.
1862					Pardonable

"GUARANTEE" SELF-SETTING ANNUNCIATORS.

A Low Priced Form Self-Setting Annunciator.

This Self-Setting Annunciator is made at present in four sizes only, 4, 6, 8, 10 Number, and in Oak wood only.



PRICES.						
Trade No.		Width.	Height.	Depth.	Price Each.	Code Word.
1863	4 Number...	6	14 $\frac{3}{4}$	3 $\frac{7}{8}$	\$ 7.00	Pare
1864	6 Number...	7 $\frac{1}{2}$	12 $\frac{3}{4}$	3 $\frac{7}{8}$	8.50	Parelcon
1865	8 Number...	7 $\frac{1}{2}$	14 $\frac{3}{4}$	3 $\frac{7}{8}$	10.00	Parellin
1866	10 Number...	7 $\frac{1}{2}$	16 $\frac{3}{4}$	3 $\frac{7}{8}$	11.50	Parent

ELEVATOR ANNUNCIATORS.

Trade No.		Price Wood Case.	Code Word.	Price Metal Case.	Code Word.
1823	3 Numbers ..	\$ 8.00	Overbuys	\$20.00	Overcanopy
1867	4 Numbers ..	9.00	Parishclerk	20.00	Parentals
1868	5 Numbers ..	10.00	Parisian	21.00	Parenthood
1869	6 Numbers ..	11.00	Parity	22.00	Parentless
1870	7 Numbers ..	12.00	Park	24.00	Parentage
1871	8 Numbers ..	13.00	Parkership	26.00	Parentate
1872	9 Numbers ..	14.00	Parley	28.00	Pariah
Single row up to 9 numbers.					
1873	10 Numbers ..	16.00	Parliament	30.00	Parian
1874	12 Numbers ..	18.00	Parline	32.00	Pariental
1875	14 Numbers ..	20.00	Parlish	36.00	Paris

Double row from 10 numbers up.

Metal Cases are finished in antique copper unless otherwise ordered. Wood case in light oak.



Wood Case.



Metal Case.

UP AND DOWN ELEVATOR ANNUNCIATORS.

In this form of annunciator there are two separate resetting knobs for resetting the up or down indications as required. This system has been adopted in many large buildings throughout the country, and has been found by practical use to be the only proper form of Elevator Annunciator for large buildings.

Made in any size required, and of wood or metal cases, to correspond with surroundings. Special designs to order.



No. 11883

WOOD CASE.

Trade No.		Price Each.	Code Word.
11876	For 5 floors.....	\$18.00	Parodist
11877	For 6 floors.....	20.00	Parody
11878	For 7 floors.....	23.00	Paroquet
11879	For 8 floors.....	25.00	Parole
11880	For 9 floors.....	28.00	Parotic
11881	For 10 floors.....	30.00	Parrot
11882	For 12 floors.....	34.00	Paroxysm
11883	Bronze face, wood back up and down push, size of face plate 7x2 3/8 inches	2.00	Parquet

SPECIAL ANNUNCIATORS.

We make to order annunciators for special purposes, cash call, desk use, combined annunciators and alarms, flush cases, any finish of wood. Send Specifications.

ANNUNCIATORS.

AUTOMATIC SET BACK ANNUNCIATORS.



4 Number.



8 Number, "Flush" Case.



Regular Style, 12 Number.

With our Automatic Annunciator only one, and that the last call, remains pointing or indicating; each new call resets the pointer that indicated the previous call, no attention to the annunciator. Flush case made to set in recess, so as to be almost flush with wall.

FLUSH STYLE.

Trade No.		Size of Hole in Wall required for Flush Case.			Prices.	Code Word.
		Width.	Height.	Depth.		
1835	4 Indications.....	5 1/4	14 5/8	3 1/2	\$8.50	Panier
1836	6 Indications.....	6 3/4	12 5/8	3 1/2	10.50	Panoply
1837	8 Indications.....	6 3/4	14 5/8	3 1/2	12.50	Panorama
1838	10 Indications.....	6 3/4	16 5/8	3 1/2	14.50	Pantometer
1839	12 Indications.....	11 1/4	12 5/8	3 1/2	17.50	Pantomime
1840	16 Indications.....	11 1/4	14 5/8	3 1/2	22.40	Pantry
1841	20 Indications.....	11 1/4	16 5/8	3 1/2	27.40	Papacy

REGULAR STYLE.

Trade No.		Size of Regular Case.			Prices.	Code Word.
		Width.	Height.	Depth.		
1842	4 Indications.....	5 1/4	15 1/2	3 7/8	\$8.50	Paracelete
1843	6 Indications.....	6 3/4	13 1/2	3 7/8	10.50	Paraclose
1844	8 Indications.....	6 3/4	15 1/2	3 7/8	12.50	Paradise
1845	10 Indications.....	6 3/4	17 1/2	4	14.50	Paradox
1846	12 Indications.....	11 1/4	13 1/2	4 1/2	17.50	Paradrome
1847	16 Indications.....	11 1/4	15 1/2	4 1/2	22.40	Paraffine
1848	20 Indications.....	11 1/4	17 1/4	4 1/2	27.40	Paragon

STYLE "H."



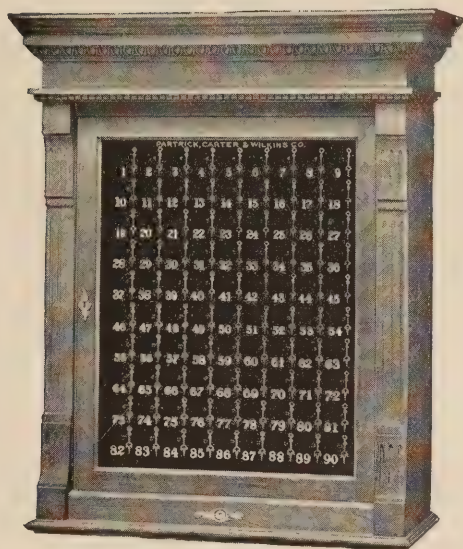
6 Number, Telephone Type.

Showing direct and intercommunicating plugs.

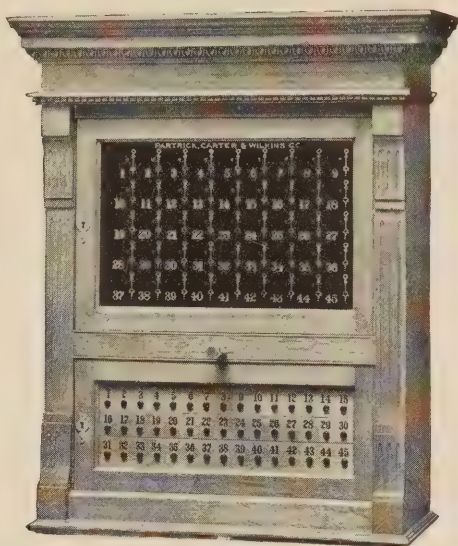
Trade No.		Plain.	Return Call.	Telephone.	Code Word.	
1825	6 Numbers....	\$9.00	\$15.00	\$19.00	Overlook	
1826	8 Numbers....	11.20	18.00	22.00	Overlooker	
1827	10 Numbers....	13.00	20.00	24.00	Overthrow	
1828	12 Numbers....	15.00	23.70	27.70	Pagoda	
1829	15 Numbers....	19.20	30.50	35.80	Painting	
1830	18 Numbers....	21.60	33.80	37.80	Pair	
1831	20 Numbers....	24.00	37.00	41.00	Palatial	
1832	25 Numbers....	28.70	45.00	49.00	Pamper	
1833	30 Numbers....	34.50	53.80	57.80	Panel	
1834	35 Numbers....	40.00	60.00	64.00	Pang	
1820	Intercommunicating Plugs, audible signal, per set.....				\$ 8.00	Overburn
1821	Intercommunicating Plugs, visual signal, per set.....				8.00	Overbusy
1822	Simplified Fire Alarm Attachment.....				20.00	Overbuying

Single plug furnished with Telephone Annunciator.

HOTEL ANNUNCIATORS.



Style K. Plain.



Style K. With Return Call Board.

STYLE K CASES.

Trade No.	Indications.	PLAIN.		RETURN CALL.	
		Price Each.	Code Word.	Price Each.	Code Word.
1790	40	\$80.00	Abrogoxeo	104.00	Abroguayg
1791	45	86.00	Abroguabs	117.00	Abrogubad
1792	50	95.00	Abroguaca	125.00	Abrogubfe
1793	54	100.00	Abroguado	135.00	Abrogyacu
1794	60	108.00	Abroguaje	144.00	Abrogyaet
1795	70	126.00	Abroguakt	168.00	Abrogyafo
1796	80	144.00	Abroguald	189.00	Abrogyags
1797	90	162.00	Abroguani	209.00	Abrogyala
1798	100	170.00	Abroguaru	220.00	Abrogyaob

Finished in wood desired to suit office furniture.

Annunciators requiring numbers between those specified in this list will be charged for at the rate per number given for the next nearest number.

Trade No.		Price Each	Code Word.
1799	Intercommunicating Plugs for Telephone Annunciators with Lamp Signal, per set	\$8.00	Outworked
1800	Single Plug and Cord for Telephone Annunciators, each	2.50	Outworking

SIMPLIFIED FIRE ALARM ATTACHMENTS

1801	Placed on above Return Call and Telephone Annunciators, each ..	20.00	Outwortli
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WATCHMAN'S REGISTERS



Style "E."

STYLE "E" MAGNETO CLOCK.

Trade No.	Number Stations.	Price Each.	Code Word.
020288	4	\$50.00	Abrogepdo
020289	5	52.50	Abrogepem
020290	6	55.00	Abrogepgu
020291	7	67.50	Abrogepla
020292	8	70.00	Abrogepni
020293	10	75.00	Abrogepux
020294	12	80.00	Abrogepyb
020295	15	87.50	Abrogequc
07269	20	100.00	Abrogesap
07270	25	112.50	Abrogesht
07271	30	125.00	Abrogesji

Made with quartered oak case.



Style "C."

STYLE "C" MAGNETO CLOCK.

Trade No.	Number Stations	Price Each.	Code Word.
020296	4	\$95.00	Abrogesma
020297	6	100.00	Abrogesod
020298	8	105.00	Abrogesu
020299	10	110.00	Abrogesto
020300	12	115.00	Abrogesve
020301	15	122.50	Abrogesyv
020302	20	135.00	Abrogetah
020303	25	147.50	Abrogetet
020303A	30	160.00	Abrogetna

This time detector has in addition to the dial movement an 8-day office clock, which is guaranteed to be a reliable time-piece. The case is well made and neat in design. The outfit, combining as it does, a good office clock and a watchman's time recorder in one case, is a most desirable piece of equipment to any manufacturing plant.

A year's supply of dials is furnished with each clock.

MAGNETO STATIONS.

Metal Case Weatherproof Pattern

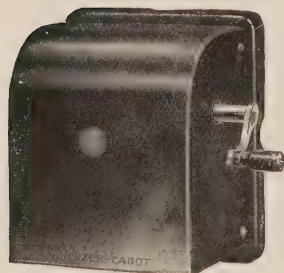
Trade No.	Price Each.	Code Word.
020304	\$6.00	Abrogenka

Flush Pattern.

020305	7.50	Abrogenft
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Iron Box Waterproof Pattern.

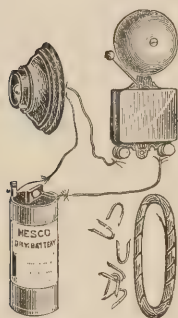
07272	8.00	Abrogenlo
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No. 020304.

No. 07272 is for out-of-door service, or where the magneto station is exposed to dampness, acid fumes, etc. This instrument consists of a high-grade magneto generator, protected by an iron casing, nicely finished in aluminum and heavily lacquered. A metal flap slides over the crank opening when not in use, preventing the entrance of dust and moisture.

CALL BELL OUTFITS AND CLOCKS



No. 1762

ELECTRIC CALL BELL OUTFITS

These outfits consist of the following:

One iron box bell, 2½-inch gong.

One dry cell.

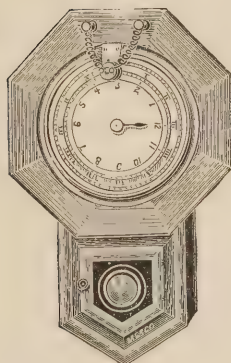
One wood push button.

Fifty feet of insulated wire.

Furnished complete with staples, and printed instructions which will enable any person to put in successful operation.

Packed in strong straw-board box.

Trade No.	Mfrs. No.	Weight Pounds	Price Each
080990	1762	5	\$1.20



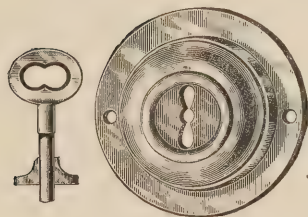
No. 1718

DETECTIVE ELECTRIC CLOCKS

Designed for indicating the time circuit is closed at a certain station. An excellent device for recording the time the watchman is around, or for any other purpose where a time record is desirable. Requires two good dry batteries. The clock has an eight-day movement.

Fifty extra dials furnished with each clock.

Trade No.	Mfrs. No.		Price Each
080991	1718	Complete.....	\$13.00
080992	1719	Extra dials per 100.....	3.00



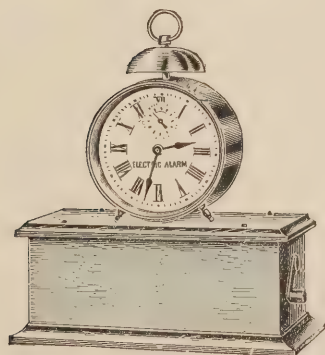
No. 1716

WATCHMEN'S KEY SWITCHES

For Watchmen's Time Detectors

By using this switch, no one but the proper person with key can record visits on the main instrument.

080993	1716	Complete with key.....	.70
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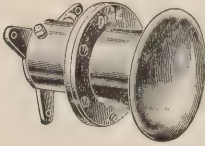
No. 1758

EARLY RISERS' ALARM CLOCKS

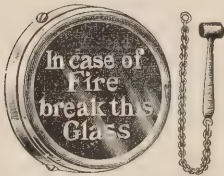
The clock is securely fastened to the case so that the outfit can be carried by the ring on top of clock. All that is necessary to ring the electric bell at a specified time is to place the switch in circuit and the bell will ring as soon as the hour indicated by alarm hand is reached.

080994	1758	Complete with battery.....	4.00
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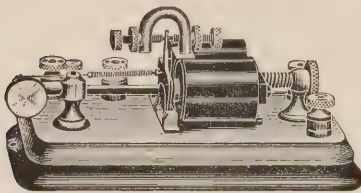
EDWARDS FIRE ALARM SYSTEMS

No. 680
Fire Alarm Horn

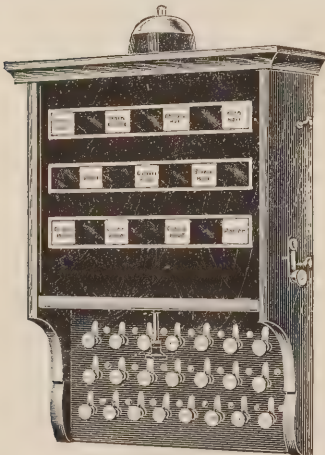
No. 118 Box

No. 224
Break-Glass Station

No. 77 Break-Glass Station



No. 238 Relay



No. 114 Annunciator

We illustrate herewith apparatus most commonly used in fire alarm systems for factories, hotels, colleges, institutions, etc.

The following is suggested as the basis of a simple, yet effective, installation.

Closed circuit systems, wherever possible, are usually considered as most desirable, as they are continually under test and any opening in the line is immediately indicated.

If electro-mechanical bells are adopted, the entire system, consisting of alarm boxes and bells, may be connected together in series using one main battery. The battery should be in duplicate so that one set may be used while the other is being recharged or renewed. Where recharging is possible, storage battery is recommended. Where electrically operated bells, such as the No. 20, or electric horns are used, it is recommended that each piece of apparatus be operated by a relay (such as the No. 238) and local battery. The use of the relay permits taking advantage of closed circuit system, as only a very small amount of current, usually three one-hundredths ampere, is sufficient if relays are wound to 20 ohms or more for operation.

Current flow required for system of electro-mechanical bells is one-tenth ampere. If it is desired to include a trouble bell in the system, the No. 100 Recti, operated by the No. 238 relay and local battery, is recommended. Relay should be so arranged that the opening of the line would operate the vibrating bell, which would continue to vibrate until line is restored, or local battery exhausted. The No. 118 fire alarm box is recommended for any of these systems as a most reliable piece of apparatus. It is substantially built, and the current carrying parts are entirely insulated from the case, making it possible to mount same on walls of building, iron columns, etc., without fear of grounding.

We are in a position to furnish large variety of apparatus, and will be glad to furnish full information with wiring diagrams on receipt of request.

FIRE ALARM HORNS

Trade No.	Mfrs. No.	Price Each
084458	680	\$15.00

FIRE ALARM BOXES

084459	118	15.00
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BREAK-GLASS STATIONS

Trade No.	Mfrs. No.	Description	Price Each
084460	224	Flush	\$3.35
084461	224	With mat for surface mounting	3.75
084462	77	Complete	1.00

RELAYS

Trade No.	Mfrs. No.	Price Each
084463	238	\$3.40

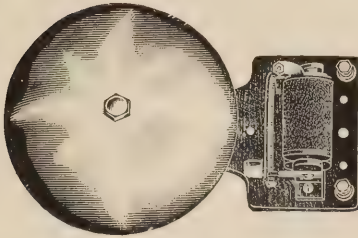
No. 114 FIRE ALARM ANNUNCIATORS

Trade No.	No. of Drops	Price Each
084464	8	\$12.00
084465	12	18.00
084466	18	27.00
084467	24	36.00

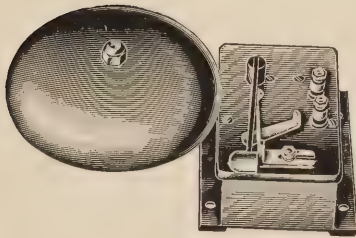
Made also in intermediate and larger sizes.

EDWARDS BELLS

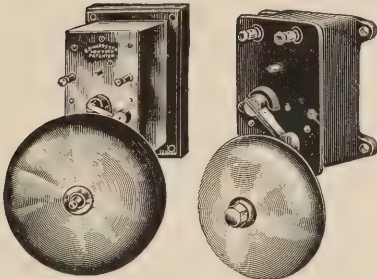
VIGILANT—6 OHMS



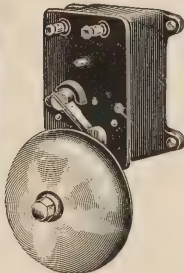
No. 20



No. 21



No. 132



No. 139

Single-Stroke			No. 20 Vibrating		Combination Vibrating	
Size In.	Trade No.	Price Each	Trade No.	Price Each	Trade No.	Price Each
2 1/2	086492	\$5.80	086505	\$6.80	086518	\$7.80
3	086493	6.00	086506	7.00	086519	8.00
4	086494	6.50	086507	7.50	086520	8.50
5	086495	7.50	086508	8.50	086521	9.50
6	086496	8.50	086509	9.50	086522	10.50
7	086497	9.50	086510	10.50	086523	11.50
8	086498	14.00	086511	15.50	086524	16.50
9	086499	15.00	086512	16.50	086525	17.50
10	086500	16.50	086513	18.50	086526	19.50
12	086501	18.00	086514	20.00	086527	21.00
14	086502	35.00	086515	37.50	086528	38.50
16	086503	42.50	086516	45.00	086529	46.00
18	086504	55.00	086517	57.50	086530	58.50
No. 21						
2 1/2	086531	7.30	086544	8.30	086557	8.80
3	086532	7.50	086545	8.50	086558	9.00
4	086533	8.00	086546	9.00	086559	9.50
5	086534	9.00	086547	10.00	086560	10.50
6	086535	10.00	086548	11.00	086561	11.50
7	086536	11.00	086549	12.00	086562	12.50
8	086537	15.50	086550	17.00	086563	17.50
9	086538	16.50	086551	18.00	086564	18.50
10	086539	18.00	086552	19.50	086565	20.00
12	086540	20.00	086553	22.00	086566	22.50
14	086541	37.00	086554	38.50	086567	39.00
16	086542	45.00	086555	47.00	086568	47.50
18	086543	57.50	086556	59.50	086569	60.00

ELECTRO-MECHANICAL GONGS

No. 132—10 Ohms			No. 133, Weatherproof—4 Ohms		
Trade No.	Size Inches	Price Each	Trade No.	Size Inches	Price Each
086570	5	\$22.00	086572	8	\$25.00
086571	6	23.00	086573	9	27.50
086574	6	33.00	086578	14	45.00
086575	8	35.00	086579	15	50.00
086576	10	37.50	086580	16	55.00
086577	12	40.00	086581	18	62.50

Capacity, 350 blows to each winding. Resistance up to 10 ohms furnished without extra charge. Extra keys will be furnished at \$2.00 each. Prices on special resistance gongs quoted on application.

No. 139, Weatherproof—10 Ohms

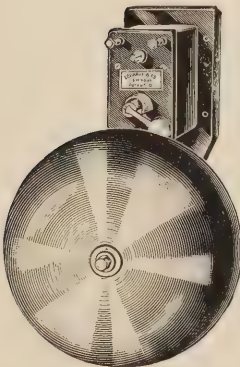
Trade No.	Size Inches	Price Each	Trade No.	Size Inches	Price Each
086582	3	\$16.00	086584	5	\$20.00
086583	4	18.00	086585	6	22.50

Extra keys will be furnished at 40 cents each. Prices on special resistance gongs quoted on application.

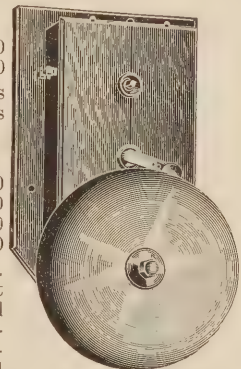
No. 140, Interior Type

086586	6	38.00	086590	14	50.00
086587	8	40.00	086591	15	56.00
086588	10	42.50	086592	16	60.00
086589	12	47.50	086593	18	72.50

Capacity, 300 blows for each winding. Resistance up to 10 ohms furnished without extra charge. Indicating bell with external battery circuit attachment as winding signal, \$5.00 each. Extra keys will be furnished at \$2.00 each. Prices on special resistance gongs quoted on application.



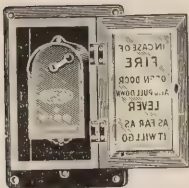
No. 133



No. 140

FIRE ALARM SYSTEMS

FIRE ALARM BOXES

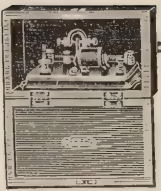


Fire Alarm Box in Cabinet

These boxes are especially constructed with insulated contacts, push button for testing, contact points and binding post for the annunciator circuit, as required to meet the specifications. They will be furnished to ring any number desired, according to the floor on which they are to be used, and repeat it five times. Always specify what numbers are desired when ordering.

Cabinets for enclosing fire alarm boxes and relay are required, and can be furnished either in wood, having a stenciled glass door for the fire alarm box, or in sheet metal. The relay boxes have a substantial lock.

Backboard for mounting fire alarm box and cabinet on brick or other rough walls will sometimes be necessary. These are furnished grooved and bored for the wires, ready for mounting.



Relay in Box

Trade No.	Mfrs. No.	Description	Price Each
084588	1713X	Fire alarm boxes.....	\$6.00
084589	1782	Backboards .....	.50
084590	1783	Wood cabinets.....	2.00
084591	1804	Metal cabinets.....	1.20

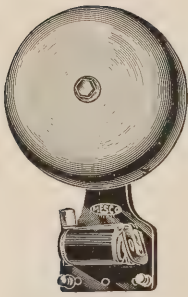
RELAYS

These should be of the adjustable magnet type, so that they can be delicately adjusted to operate with minimum battery. The Improved Pony Relay is recommended. Can be furnished wound to any resistance desired.

084592	115	Relays, 20 ohms, non-adjustable.....	3.00
084593	163	Relays, 20 ohms, with adjustable magnets ...	3.90
084594	205	Wood box for relay.....	2.50
084595	206	Metal box for relay	2.00

We recommend Edison, Le Lande, Gonda, or similar type closed circuit batteries for relay circuit.

ALARM GONGS



Single-Stroke Bell

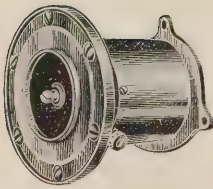
Single-stroke bells at least 10 inches in diameter are required. No. 2150X is especially arranged for this system and will operate on the minimum of battery. The bells must be mounted in a vertical position with the gong upward, and gong should be so adjusted that the hammer will be $\frac{1}{2}$ inch from it when the armature is drawn against the magnets.

It is not recommended to install larger gongs than 12-inch, as it will be found that in noisy rooms, where one 10 or 12-inch gong is not sufficient, an increased number of gongs placed in different parts of the room will be more efficient, and in most cases more economical.

084596	2150X	Single-stroke bell, 10-inch.....	16.50
084597	2151X	Single-stroke bell, 12-inch.....	18.00

For the gong battery, 5 cells should be used for each gong, all being connected in series. We recommend Red Seal Dry Battery, size A, for use on the bell.

HORNS



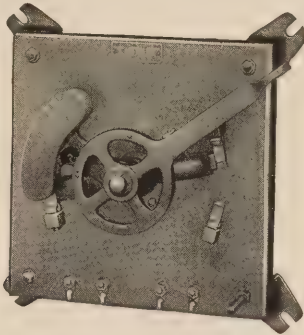
Fire Alarm Horn

In very noisy places, where gongs cannot be plainly heard, the No. 1675 electric horn is recommended, which is approved by the Department of Labor. The horn can be mounted on wall or other convenient place by means of the bracket on rear, or they may be screwed to the ceiling so as to throw the sound downwards. These horns are regularly furnished without a bell projector, in order to distribute the sound more uniformly throughout the room, but will be supplied with projector without extra charge, if preferred. A local battery and relay are required with each horn, and these should preferably be mounted on the wall near the horn.

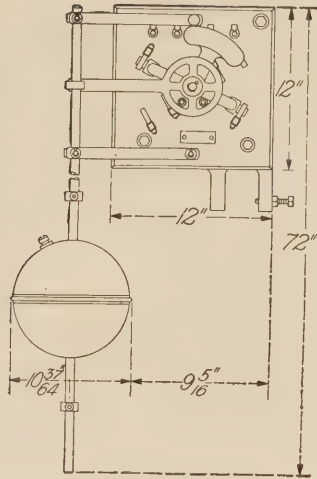
084598	1675X	Fire alarm horns.....	15.00
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For each horn, 12 cells connected in multiple series (6 series, 2 multiple) are required. We recommend Red Seal Dry Battery, size A, for use on the horn.

G-E SELF-CONTAINED FLOAT SWITCHES



CR-223 D. P. Float Switch



D. P. Self-Contained Float Switch

CR-223 FLOAT SWITCHES

Trade No.	CAPACITY		Price Each	Code Word
	Amps.	Volts		
58971	15	110/125	\$8.00	Zjin
	10	220/250		
	5	500/550		
Double Pole				
58972	25	125	15.00	Zjku
	15	250		
	10	500/550		

SELF-CONTAINED FLOAT SWITCHES

		Single Pole			
58974	{	15	110/125	18.50	Zila
		10	220/250		
		5	500/550		
Double Pole					
58975	{	25	125	22.50	Zjle
		15	250		
		10	500/550		

ACCESSORIES

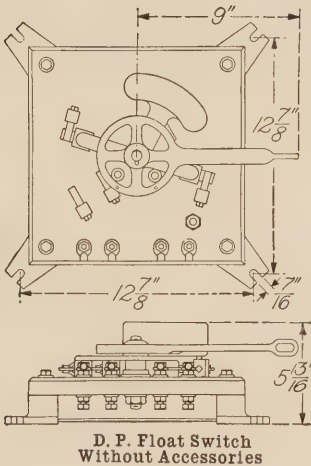
For Use with Nos. 58971 and 58972 Float Switches

Trade No.		Price Each	Code Word
58973	1 Copper Ball Float	\$7.00	Zjme
	2 Pulleys		
	15 feet Brass Chain		
	1 Counterweight		

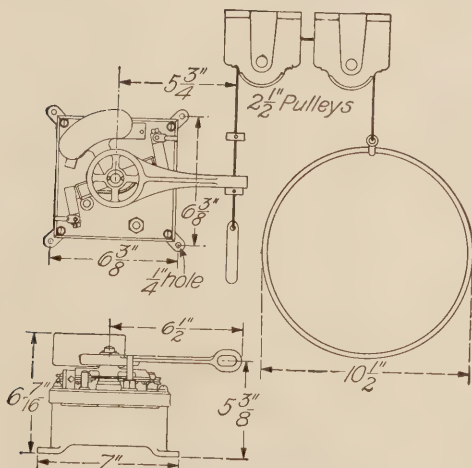
The above float switches are used in connection with suitable self-starting rheostats to automatically start and stop motors when it is desired to maintain a predetermined water level.



D. P. Float Switch

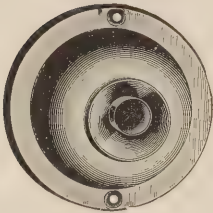


D. P. Float Switch Without Accessories



S. P. Float Switch Complete With Accessories

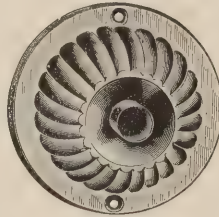
PUSH BUTTONS



No. 025625



No. 025579



No. 025635



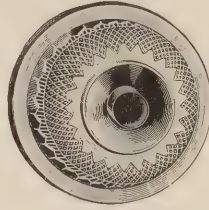
No. 025587



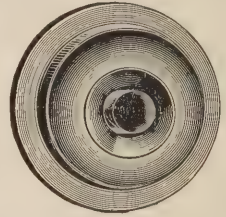
No. 025585



No. 025636



No. 025690



No. 025651

LOOSE BACK



No. 025702

Trade No.	Bronze Finish	Size Inches	Standard Package	Price per Dozen	Code Word
025575	Wrought	1 3/4	12	\$2.16	Alame
025576	Cast	1 3/4	12	2.50	Alamp
025625	Cast	2 1/4	12	3.20	Alamu
025578	Wrought	2 3/8	12	2.16	Alani
025626	Cast	3	12	5.50	Alanp

All the pushes listed above are the same style as No. 025625.

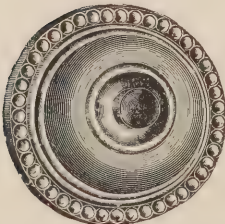
025577	Wrought	1 3/4	12	2.16	Alant
025579	Wrought	2 3/8	12	2.16	Alaob
025635	Cast	2 3/8	12	4.50	Alaog
025587	Wrought	2 3/8	12	2.16	Alaov
025588	Cast	2 3/8	12	3.20	Alape
025585	Wrought	2 3/8	12	2.16	Alaph
025586	Cast	2 3/8	12	3.20	Alapu
025636	Cast	2 1/4	12	4.80	Alara



No. 025655

SCREW CAP

025690	Cast	2 1/4	12	5.70	Alarf
025705	Wrought	2 3/8	12	3.60	Alarg
025649	Cast	1 3/4	12	5.70	Alaru
025651	Cast	2 3/8	12	5.70	Alash
025701	Wrought	2 3/8	12	3.60	Alasu
025702	Wrought	2 3/8	12	3.60	Alath
025655	Cast	2 3/8	12	5.70	Alats
025703	Wrought	2 3/8	12	3.60	Alauc



No. 025703

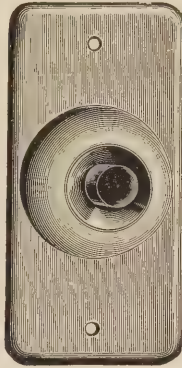
Illustrations are one-half actual size.

PUSH BUTTONS.

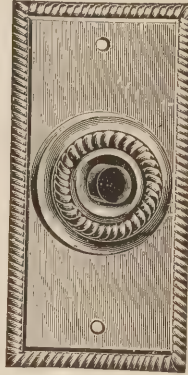
LOOSE BACK.



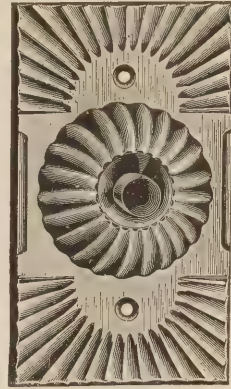
No. 025761.



No. 025755.



No. 025765.



No. 025985.

Trade No.	Bronze Finish.	Size Inches.	Standard Package.	Price Per Dozen.	Code Word.
025761	Wrought	4 3/4 x 2	6	\$4.80	Abrogeddu
025760	Wrought	4 3/4 x 2	6	4.80	Abrogedno
025755	Wrought	4 x 2	6	4.80	Abrogedst
025765	Wrought	4 x 2	6	4.80	Abrogefah
026000	Cast	4 1/8 x 2 1/4	3	8.00	Abrogefbo
025985	Cast	4 1/4 x 2 1/2	3	9.32	Abrogefca
025977	Cast	5 1/4 x 2	3	9.32	Abrogefcl
025978	Cast	6 x 2 1/4	3	13.20	Abrogefge

No. 025760 is similar to No. 025761, but plain.

No. 026000 is the same pattern as 025765.

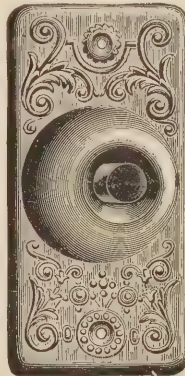
Nos. 025977 and 025978 are the same pattern as No. 025985, but same shape as No. 025761.



No. 025750.



No. 025810.



No. 025770.

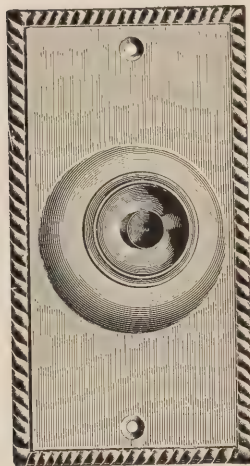


No. 025797.

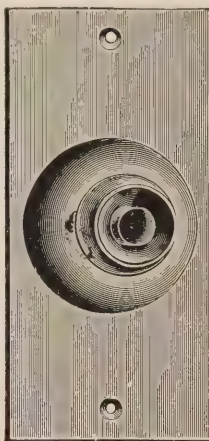
Trade No.	Bronze Finish.	Size Inches.	Standard Package.	Price Per Dozen.	Code Word.
025750	Wrought	4 1/4 x 1 3/8	6	\$4.80	Abrogopaw
025805	Cast	4 1/4 x 1 3/8	6	5.34	Abrogefnu
025806*	Cast	4 1/4 x 1 3/8	6	6.66	Abrogefou
025808	Cast	4 1/2 x 1 3/4	6	6.20	Abrogefur
025810	Cast	4 x 2	6	6.66	Abrogefyt
025811	Cast	3 x 1 3/4	6	6.66	Abrogegbu
025825	Cast	3 7/8 x 1 3/4	6	6.66	Abrogegfo
025826	Cast	4 1/2 x 1 3/4	6	6.80	Abrogejas
025770	Wrought	4 x 2	6	4.80	Abrogejbi
025797	Wrought	4 x 2	6	4.80	Abrogeact

*No. 025806 is screw cap, all others are loose back.
Illustrations are one-half actual size.

PUSH BUTTONS



Nos. 026003 and 026004



Nos. 025828 and 025829

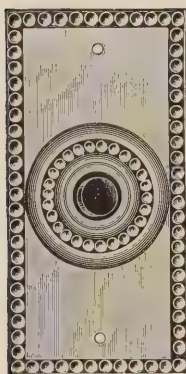


Nos. 025925 and 025926

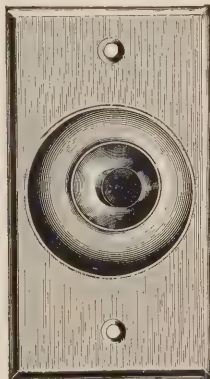


No. 025795

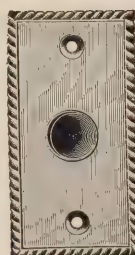
Trade No.	Style.	Bronze Finish.	Size Ins.	Std. Pkg.	Price Per Doz.	Code Word.
026003	Loose Back	Cast	5 x 2 $\frac{5}{8}$	3	\$8.80	Bkeul
026004	Screw Cap	Cast	5 x 2 $\frac{5}{8}$	3	10.66	Bkeun
025828	Loose Back	Cast	4 $\frac{7}{8}$ x 2 $\frac{3}{8}$	6	7.60	Bkeur
025829	Screw Cap	Cast	4 $\frac{7}{8}$ x 2 $\frac{3}{8}$	6	9.40	Bkfab
025925	Loose Back	Cast	4 $\frac{1}{4}$ x 1 $\frac{3}{8}$	6	5.34	Bkfae
025926	Screw Cap	Cast	4 $\frac{1}{8}$ x 1 $\frac{3}{8}$	6	6.66	Bkfal
025795	Loose Back	Wrought	4 $\frac{1}{8}$ x 1 $\frac{3}{8}$	6	4.80	Bkfas



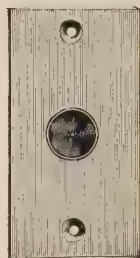
No. 025766



Nos. 025814 and 025815



No. 025730



No. 025725

Trade No.	Style	Bronze Finish	Size Ins.	Std. Pkg.	Price Per Doz.	Code Word.
025766	Loose Back	Wrought	4 x 2	6	\$4.80	Bkfba
025814	Loose Back	Cast	4 $\frac{1}{4}$ x 2 $\frac{3}{8}$	6	6.90	Bkfbh
025815	Loose Back	Cast	5 x 2 $\frac{3}{4}$	6	9.60	Bkfbo
025730	Loose Back	Cast	2 $\frac{7}{8}$ x 1 $\frac{1}{2}$	12	4.80	Bkfbu
025725	Loose Back	Cast	2 $\frac{7}{8}$ x 1 $\frac{1}{2}$	12	4.80	Bkfca

Illustrations are one-half actual size.

CAST BRONZE PUSH BUTTONS



No. 1103



No. 1108



No. 1111



No. 1118



No. 1204



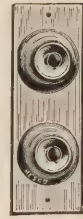
No. 1218



No. 1242



No. 1215



No. 1221



No. 1225



No. 1236



No. 1230



No. 1124



No. 1240



No. 1241



No. 1243

LOOSE BACK

Trade No.	Mfrs. No.	Size Inches	Price Each	Code Word
040773	1103	2 $\frac{7}{8}$ x 4 $\frac{3}{8}$	\$0.60	Aglks
040774	1108	2 $\frac{5}{8}$ x 4 $\frac{3}{8}$	.68	Aglku
040775	1111	2 $\frac{1}{4}$ x 4 $\frac{1}{8}$	.56	Aglms
040776	1118	1 $\frac{7}{8}$ x 4	.50	Aglna
040777	1204	2 $\frac{5}{8}$ x 7 $\frac{1}{4}$	.72	Aglne
040778	1218	2 $\frac{5}{8}$ x 5 $\frac{3}{4}$	.94	Aglno

SCREW CAP

Trade No.	Mfrs. No.	Size Inches	Price Each	Code Word
040779	1242	2 $\frac{3}{4}$ x 5 $\frac{1}{4}$	.50	Aglnu
040780	1115	2 $\frac{5}{8}$ x 5 $\frac{3}{8}$	.84	Aglloc

BUTTONS INSERTED INTO PLATE

Trade No.	Mfrs. No.	Button	Size Inches	Price Each	Code Word
040781	1224	1	2 $\frac{1}{4}$ x 2	\$0.40	Aglod
040782	1225	2	4 x 2	.66	Aglog
040783	1226	3	6 x 2	.96	Aglaj
040784	1227	4	7 $\frac{3}{4}$ x 2	1.18	Aglloo
040785	1228	5	9 $\frac{3}{4}$ x 2	1.76	Agllop

SOLID BACK

Trade No.	Mfrs. No.	Size Inches	Price Each	Code Word
040786	1268	1 2 $\frac{7}{8}$ x 3 $\frac{1}{8}$	.60	Aglpi
040787	1230	2 5 $\frac{1}{2}$ x 3 $\frac{1}{8}$	.80	Aglra
040788	1231	3 7 $\frac{3}{4}$ x 3 $\frac{1}{8}$	1.20	Aglss
040789	1232	4 9 $\frac{7}{8}$ x 3 $\frac{1}{8}$	1.60	Aglte
040790	1233	5 12 $\frac{1}{8}$ x 3 $\frac{1}{8}$	2.00	Aglth
040791	1234	6 14 $\frac{1}{2}$ x 3 $\frac{1}{8}$	2.40	Agluf

BUTTONS INSERTED INTO PLATE

Trade No.	Mfrs. No.	Size Inches	Price Each	Code Word
040792	1236	2 $\frac{1}{8}$ x 4 $\frac{3}{4}$	\$0.80	Aglug
040793	1237	2 x 4	.84	Aglul
040794	1238	1 $\frac{3}{4}$ x 4	.80	Aglum
040795	1124	1 $\frac{3}{8}$ x 3 $\frac{3}{8}$	.35	Aglus
040796	1240	1 $\frac{3}{8}$ x 3 $\frac{3}{8}$	.35	Aglux
040797	1241	1 $\frac{1}{2}$ x 3	.35	Agluy
040798	1243	Doctor's Bell 4 $\frac{1}{2}$ x 2 $\frac{1}{2}$	.60	Aglve
040799	1244	Janitor's Bell 4 $\frac{1}{2}$ x 2 $\frac{1}{2}$	.60	Aglwa
040800	1245	Night Bell 4 $\frac{1}{2}$ x 2 $\frac{1}{2}$	.60	Aglxe
040801	1246	Dentist's Bell 4 $\frac{1}{2}$ x 2 $\frac{1}{2}$	.60	Aglyk

Finished in old brass and oxidized copper.

PUSH BUTTONS



No. 1355



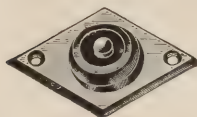
No. 1360



No. 1383



No. 1384



No. 1356



No. 1353



No. 1332



No. 1333



No. 1334



No. 1339

Trade No.
040842
040843
040844
040845

Mfrs. No.
1355
1360
1383
1384

CAST BRONZE

Size Inches	Price Each
1 7/8 x 1 7/8	\$0.34
3 x 2	.44
2 5/8 x 2 5/8	.34
1 5/8 x 1 1/4	.58

Code Word

Agkfo

Agkfu

Agkga

Agkib



No. 1337

Trade No.
040846
040847
040848

Mfrs. No.

1353

1354

1356

Wood

Rubber

Bronze or Nickel Plate, with hard rubber midget .44

Price Each

\$0.12

.24

Code Word

Agkid

Agkil

Agkim

MIDGET PUSHES

SMALL DESK PUSH BUTTONS

Rim, Bronze or Nickel Finish

Trade No.
040849
040850

Mfrs. No.
1332
1332

Fit Size Hole Ins.
3/4
3/4

Style Centers
Black
White

Price Each
\$0.25
.25

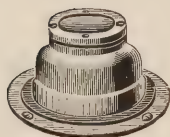
Code Word

Agkfo

Agkfu

Agkga

Agkib



No. 1386

Trade No.
040851
040852

Mfrs. No.
1333
1333

Rim, Brass or Nickel Finish

Fit Size Hole Ins.
5/8
5/8

Style Centers
Light Pearl
Dark Pearl

Price Each
.16
.16

Agkjo

Agkju



No. 1386

Trade No.
040853
040854
040855

Mfrs. No.
1334
1334
1337

Rim, Nickel Finish

Fit Size Hole Ins.
5/8
5/8
1/2

Style Centers
Light Pearl
Dark Pearl
Black

Price Each
.13
.13
.14

Agkka

Agkle

Agkma

Rim, Nickel or Bronze Finish

Fit Size Hole Ins.
1/2

Black

.12

Agkne

WATER TIGHT PUSH BUTTONS

Trade No.
040857
040858
040859

Mfrs. No.
1386
1375
1376

Diam. Inches

2 5/8

With Platinum Contacts

Without Platinum Contacts

Price Each

\$2.00

2.20

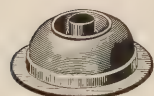
2.00

Code Word

Agkov

Agkoj

Agkol



No. 1382

NON-WATER TIGHT PUSH BUTTONS

Navy Standard

Trade No.
040860

Mfrs. No.
1382

2 3/8

1.20

Agkos

Has heavy platinum contacts and screw cap.

NAME PLATES

Bronze

Trade No.
040861
040862

Mfrs. No.
1388
1389

Fit Size Hole Ins.
1 x 2 3/8
1 3/8 x 3 1/2

Price Each
.12
.18

Agkov

Agkpe



No. 1388



No. 1335

CAR AND ELEVATOR PUSHES

Fits 1/2-Inch Hole, Nickel Rim

Trade No.
040863
040864

Mfrs. No.
1335
1336

With Binding Posts

Without Binding Posts

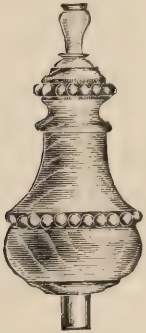
.18

.16

Agkpu

Agkro

PUSH BUTTONS



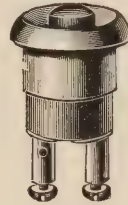
No. 25529



No. 25526



No. 25449



No. 25425



No. 25439

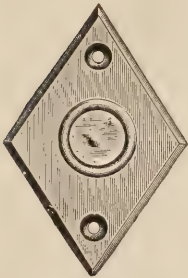


No. 26846

PEAR PUSHES

Trade No.	Mfrs. No.	Style	Fancy	Price per Dozen
062286	25529	Wood		
062287	25529A	Oak		\$4.00
062288	25529B	Cherry		4.00
062289	25529C	Black Walnut		4.00
		Mahogany		4.00
		Maple	Plain	
062290	25526			2.40
062291	25526A	Imitation Black Walnut		2.40
062292	25526B	Stained Cherry		2.40

Illustrations half actual size.

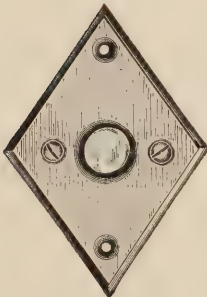


No. 26848

MIDGET PUSHES

Trade No.	Mfrs. No.	Style	¼-inch Hole		Price per Dozen
			Rim	Center	
062293	25449	Brass		Light Pearl	\$1.68
062294	25450	Nickel Plated		Light Pearl	1.68
062295	25451	Brass		Dark Pearl	1.68
062296	25452	Nickel Plated		Dark Pearl	1.68
			½-inch Hole		
062297	25425	Brass		Black	2.16
062298	25426	Nickel Plated		Black	2.16
062299	25439	Brass		Light Pearl	2.20
062300	25440	Nickel Plated		Light Pearl	2.20
062301	25441	Brass		Dark Pearl	2.20
062302	25442	Nickel Plated		Dark Pearl	2.20

Illustration actual size.



No. 26849

FLUSH PUSHES

Trade No.	Mfrs. No.	Size Inches	Price per Doz.
062303	26846	1½x1½	\$4.00
062304	26847	1¾x1¾	4.80
062305	26848	3 x2	5.28
062306	26849	3¼x2¼	4.80
062307	26850	2 x2	4.30

Wood back, white pearl center, has ¼-inch margin around back.

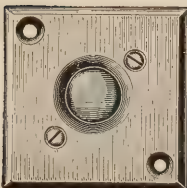
COMPOUND PUSHES

Cast Bronze, Nickel Plated

Trade No.	Mfrs. No.	No. Pushes	Size Inches	Price Each
062308	26853	2	2x3	\$0.44
062309	26854	3	2x4	.56
062310	26855	4	2x5	.72
062311	26856	5	2x6	.80
062312	26857	6	2x7	1.00

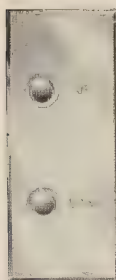
Intended for call bell use, white pearl center, unless otherwise ordered. Has ¾-inch margin around back, wood backs.

Similar in style to No. 26846



No. 26850

AUTH PUSH BUTTONS



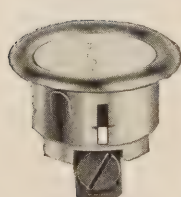
No. 14EP



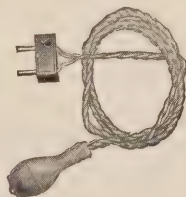
No. 1A



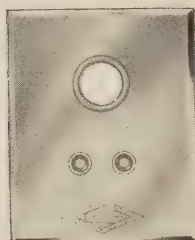
No. 2A



No. 5A



No. 16H



No. 17H

ELEVATOR PUSH BUTTONS

Trade No.	Mfrs. No.	Price Each
062752	14EP	\$3.00

Equipped with heavy brass bevel plate, Nickel finish standard. Other finishes, extra. Mechanical action perfect. Rubber insulation. Springs of phosphor-bronze. All connections made with brass machine screws. Made to fit standard switch box.

When ordering, state make of switch box used

DESK AND SURFACE WALL PUSH BUTTONS

Trade No.	Mfrs. No.	Description	Price Each
062753	1A	First button	\$2.00
062754	1A	Additional buttons	.72
062755	2A	First button	2.60
062756	2A	Additional buttons	.72
With silk cable, per yard per conductor			.14

This is a very small and efficient signalling device. It sets flat on desk or table. Base is made of any wood desired and is weighted. Any metal finish desired. Celluloid name slides in black letters. Elegant appearance; suitable for residences, banks, offices, schools, libraries, or any first-class work.

All springs made of phosphor-bronze. No spiral springs. Positive contact. Insulation of hard rubber. All connections made with brass machine screws.

MIDGET PUSH BUTTONS

Celluloid

Trade No.	Mfrs. No.	Diameter Inches	Price Each
062757	5A	$\frac{5}{8}$	\$0.26
089722	5A	$\frac{3}{4}$	.30

Pearl

063821	5A	$\frac{5}{8}$	.30
063822	5A	$\frac{3}{4}$	.34

Made of brass and fibre, scraping contact with screw clamp connections. Cannot ground. One or more can be mounted on metal plates or wooden mat, at small additional cost.

COMBINATION EXTENSION PUSH BUTTONS

Trade No.	Mfrs. No.	Price Each
062758	16H	\$2.50

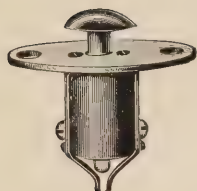
Furnished complete with 6 feet of green silk cable and plug attachment to connect to socket shown on No. 17H.

COMBINATION WALL PUSH BUTTONS

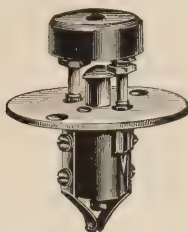
062759	17H	3.50
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Furnished complete with jacks for extension push, as shown in No. 16H. Made to fit standard switch box. In ordering, state which make of switch box is used. Nickel or brushed brass finish standard. Special finishes, extra.

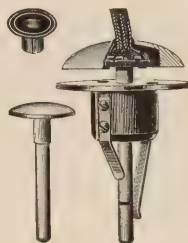
FLOOR PUSHES



No. 042615



No. 042616



No. 042620



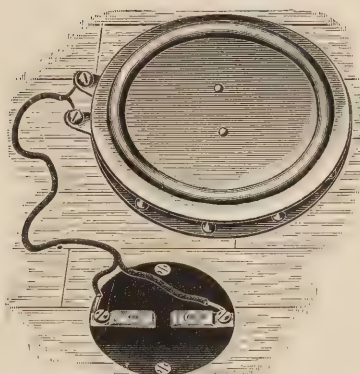
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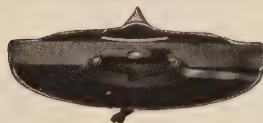
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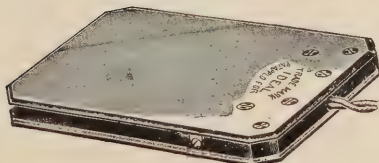
No. 042625



No. 042626 and No. 042627



No. 042628



No. 042629

PLAIN FLOOR PUSHES

Trade No.		Price Each	Code Word
042615	2 inches in diameter	\$0.40	Aicde

COMBINATION FLOOR PUSHES

042616	2 inches in diameter	.60	Aiceg
042617	fitted with two yards silk cord and plain pear push	1.00	Aicep
042618	fitted with three yards of silk cord and table clamp	1.25	Aicig
042619	fitted with three yards silk cord and foot push	1.35	Aicik

DANDY FLOOR PUSHES

042620	Including plugs and eyelets	1.20	Aicjo
042621	Combination floor push, including Dandy floor push, two yards silk cord and pear push	2.50	Aicki

TABLE PUSHES

042622	Black center, without cord	.50	Aiclo
042623	Pearl center, without cord	.50	Aicme

DAISY FLOOR TREADS

042624	Diameter 2½ inches	1.50	Aicob
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The Daisy floor tread is designed to provide a floor push which can be installed without damaging valuable rugs by putting holes in them. By attaching a flexible cord it may be used as a portable push.

MOVABLE FLOOR PUSHES

042625	Diameter base, 3 inches	.70	Aicol
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RELIABLE FLOOR TREADS

042626	¼-inch thick	1.50	Aicon
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FLUSH DISC, FLOOR CONNECTORS

042627	Diameter, 2 inches.	.30	Aicpa
--------	---------------------	-----	-------

A fibre disc to be inserted flush with the floor for cord connectors.

RENIM FLOOR TREADS

Trade No.	Std. Pkg.	Price Each	Code Word
042628	3 inches diameter	12 \$1.00	Aicta

Will not creep or shift its position under the rug.
Will not injure the finest rug; the sharp point extending well up between the meshes makes it easy to find and prevents wear.

IDEAL FLOOR TREADS

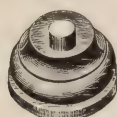
042629	6	1.50	Aicun
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The Ideal floor tread is made of two heavy spring brass plates 4¾ inches long by 3½ inches wide with rounded edges, finely finished and lacquered. The plates are securely fastened to a black fibre insulating strip and made very strong. A heavy felt is firmly cemented to the under side of the tread, the whole making a broad, thin, flat pad.

PUSH BUTTONS



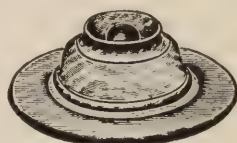
No. 040865



No. 040868



No. 040870



No. 040876

WOOD PUSH BUTTONS



No. 040877

Trade
No
040865
040866
040867

Midget

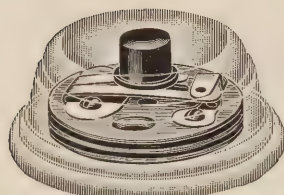
Diam. Inches	Finish	Price Each	Code Word
1 1/4	Oak	\$0.16	Agjpo
1 1/4	Ash	.16	Agjra
1 1/4	Walnut	.16	Agjte

Small

040868	1 1/4	Ash	.16	Agjtu
040869	1 1/4	Walnut	.16	Agjuc

Standard

040870	2 1/8	Walnut	.10	Agjuk
040871	2 1/8	Ash	.10	Agjus
040872	2 1/8	Stained Cherry	.10	Agjyf
040873	2 1/8	Antique Oak	.10	Agjyk
040874	2 1/8	Oak	.10	Agjym
040875	2 1/8	Mahogany	.10	Agjyv



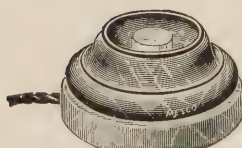
No. 040879

040876	3 1/2	Oak	.20	
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Large Base

EXTENSION PUSH BUTTONS

040877	...	Walnut	.40	Agkac
040878	...	Oak	.40	Agkaf



No. 040881

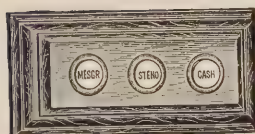
DOUBLE CONTACT OR RETURN CALL PUSH BUTTONS

040879	2 1/4	Oak	.20	Agkal
040880	2 1/4	Ash	.20	Agkam

These push buttons have upper and lower stationary contacts and a movable spring which is normally in contact with upper point and makes contact on lower when the button is pressed.

PAPER WEIGHT WOOD DESK PUSH BUTTONS

040881	...	Oak	.50	Agkar
Polished wood push with lead in bottom.				



No. 040884

COMPOUND PUSH BUTTONS

Wood

Trade No.	No. Buttons	Size Inches	Price Each	Code Word
040882	1	....	\$0.60	Agkaw
040883	2	....	.90	Agkba
040884	3	....	1.20	Agkbi



No. 040886

Nickel Plated

040885	2	2x3	.44	Agkbo
040886	3	3 7/8 x 1 7/8	.56	Agkdo
040887	4	5 x 1 7/8	.72	Agkeb
040888	5	6x2	.84	Agken
040889	6	7x2	1.00	Agkes

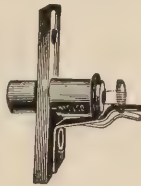
BURGLAR ALARM ATTACHMENTS



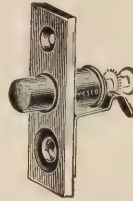
No. M1566.



No. M1567.



No. M1568.



No. M1569.



No. M1571.



No. M1570.



No. M1576.



No. M1586.



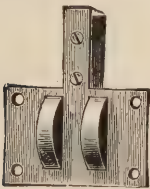
No. M1573.



No. M1574.



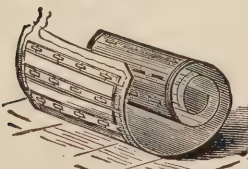
No. M1573.



No. M1575.



No. M1602.



No. M1604.

DOOR SPRINGS.

Trade No.		Price Each.	Code Word.
M1566	Open circuit	\$0.11	Abrogiluv
M1567	Open circuit	.17	Abrogilwa
M1568	Closed circuit	.20	Abrogilxe
M1569	Make or break	.20	Abrogimax
M1571	Open circuit for telescope doors	.12	Abrogimew

DOOR TRIPS.

M1570	Open circuit	.40	Abrogimna
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For use over store doors to announce entrance of customer. Rings signal when door passes the trip, but is silent when open, and in closing door.

FLOOR SPRINGS.

M1586	Floor spring	1.00	Abrogiløj
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Spring is placed on floor in front of safe with leg of a chair on the spring. When chair is removed, spring is released, closing the circuit. When alarm is not in use, simply press down plunger, turning slightly to either side, which locks it.

WINDOW SPRINGS.

M1573	Transom spring	.50	Abrogimok
M1574	Window spring	.18	Abrogimuf
M1575	Double window spring	.20	Abrogimwi
M1576	Single window spring	.22	Abrogimys
M1579	Shade spring	.60	Abroginaj

The cord of a spring shade is attached to the arm. The slightest interference with the shade will sound the alarm.

LOCK SWITCHES.

M1602	Yale lock with rod and 3 keys	3.50	Abroginbi
M1603	Corbin lock with rod and 3 keys	3.00	Abrogince
M1647	Competition lock with rod and 3 keys	2.00	Abroginnda

These switches are placed on the doors of stores, residences and other buildings connected with burglar alarm systems, so that persons having the proper keys can go in or out of the building without ringing the alarm.

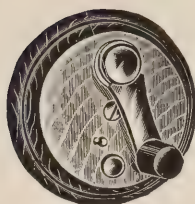
MATTING.

Trade No.		Price per Sq. Ft.	Code Word.
1604	Rolls 2 feet wide	\$0.36	Abroginfo
1604A	Rolls 3 feet wide	.36	Abrogityc

The matting is easily and quickly fitted without disfiguring or disarranging the furniture or fixtures. If the matting is placed at the entrance to an apartment, no person can enter it without sounding an alarm that will attract attention. Properly adjusted throughout a building, no burglar or sneak thief can enter without starting an alarm.

BATTERY SWITCHES

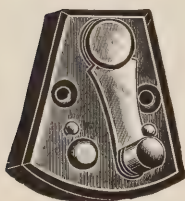
ROUND SWITCHES



No. 040890



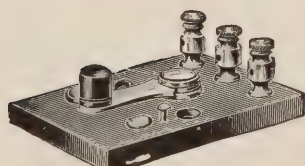
No. 040896



No. 040902



No. 040906



No. 040915



No. 040922

Wood Base				
Trade No.	No. Point	Diam. Inches	Price Each	Code Word
040890	1	2 1/4	\$0.11	Aginu
040891	2	2 1/4	.13	Agiom
040892	3	2 1/4	.14	Agiot
040893	4	2 1/4	.17	Agipu
040894	5	2 1/4	.20	Agirg
040895	6	2 1/4	.22	Agirt

Rubber Base				
Trade No.	No. Point	Diam. Inches	Price Each	Code Word
040896	1	2 3/8	.56	Agisp
040897	2	2 5/8	.58	Agita
040898	3	2 5/8	.60	Agith
040899	4	2 5/8	.62	Agjubl
040900	5	2 5/8	.92	Agjul
040901	6	2 5/8	.94	Agjur

KEYSTONE SWITCHES

Rubber Base			
Trade No.	No. Point	Price Each	Code Word
040902	1	\$0.30	Agixi
040903	2	.34	Agjal
040904	3	.42	Agjam
040905	4	.60	Agjas

SQUARE BASE SWITCHES

Wood			
040906	1	.30	Agjax
040907	2	.32	Agjbi
040908	3	.34	Agjcu
040909	4	.38	Agjea
Rubber			
040910	1	.40	Agjex
040911	2	.50	Agjhu
040912	3	.60	Agjik
040913	4	.70	Agjil

WITH BINDING POSTS

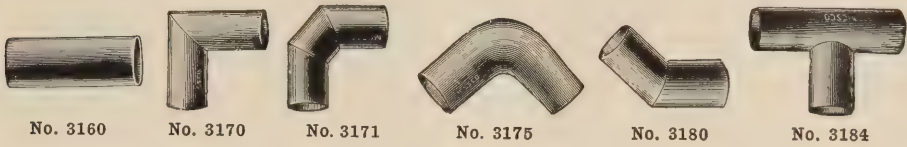
Wood			
040914	1	.46	Agjim
040915	2	.50	Agjir
040916	3	.56	Agjku
040917	4	.64	Agjla
Rubber			
040918	1	.64	Agjle
040919	2	.70	Agjme
040920	3	.80	Agjmo
040921	4	.94	Agjnr

POLE CHANGING SWITCHES

Hard Rubber Base				
Trade No.	With Binding Posts	Without Binding Posts	Price Each	Code Word
040922	With Binding Posts	Without Binding Posts	\$1.40	Agjof
040923	With Binding Posts	Without Binding Posts	1.00	Agjoh

Wood Base				
Trade No.	With Binding Posts	Without Binding Posts	Price Each	Code Word
040924	With Binding Posts	Without Binding Posts	1.00	Agjok
040925	With Binding Posts	Without Binding Posts	.70	Agjow

SPEAKING TUBES



No. 3160

No. 3170

No. 3171

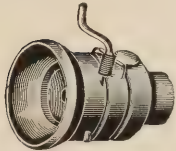
No. 3175

No. 3180

No. 3184

SPEAKING TUBES

Soldered Seams and Joints



No. 3110

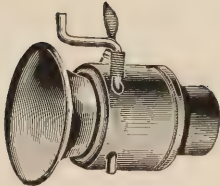
Trade No.	Mfrs. No.	Diam. Inches	Price per 1000 Ft.	Code Word
043795	3165	1	\$26.00	Ajkaw
043796	3166	1 1/4	32.00	Ajkba

Lock Seam Tubes

043797	3160	1	26.00	Ajkbi
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SPEAKING TUBE ELBOWS

Square



No. 3116

Trade No.	Mfrs. No.	Diam. Inches	Price per 100	Code Word
043798	3170	1	\$2.50	Ajkbo

Hexagonal

043799	3171	1	3.00	Ajkdo
043800	3172	1 1/4	5.50	Ajkyb

Round

043809	3175	1	4.80	Ajkyf
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Obtuse

043810	3180	1	2.50	Ajkyp
043811	3181	1 1/4	5.50	Ajkys

Tee

043812	3184	1	7.00	Ajlab
043813	3185	1 1/4	9.00	Ajlah

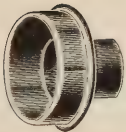


No. 3135

SPEAKING TUBE WHISTLES

Porcelain

Trade No.	Mfrs. No.	Diam. Inches	Price per Dozen	Code Word
043814	3110	1	\$2.00	Ajlaj
043815	3111	1 1/4	2.30	Ajlam



No. 3131

Spun Metal, Nickel Plated or Bronze

043816	3116	1	3.00	Ajlap
043817	3117	1 1/4	4.00	Ajlax

SPUN BRONZE OR NICKEL MOUTH PIECES

Standard Pattern

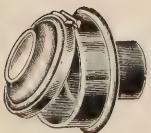
Trade No.	Mfrs. No.	Diam. Inches	Price Each	Code Word
043818	3135	1	\$0.10	Ajlbe
043819	3136	1 1/4	.16	Ajlbi

Box Pattern, Open

043820	3131	1	.16	Ajlbu
043821	3132	1 1/4	.20	Ajlce

Box Pattern, with Cover

043822	3140	1	.26	Ajlba
043823	3141	1 1/4	.34	Ajlfe

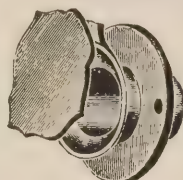


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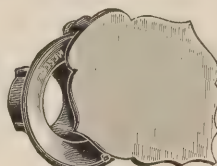
SPEAKING TUBES



No. 3120



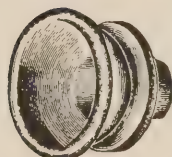
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No. 3121



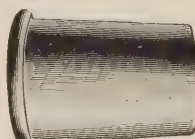
No. 3123



No. 3130



No. 3150



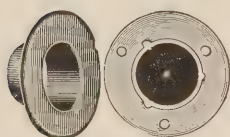
No. 3151



No. 3169

MOUTH PIECES

Cast Bronze

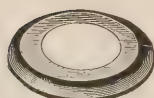


No. 3158

Trade No.	Mfrs. No.	For Size Tube Inches	Price Each	Code Word
043780	3120	1	\$0.48	Aiuxi
043781	3121	1	.42	Aiuya
043782	3122	1	.70	Aivae
043783	3123	1	.42	Aivak
Round Porcelain				
043784	3130	1	.06	Aival
043785	3150	..	.04	Aivep
Iron				

NICKEL PLATED OR BRONZE COLLARS

For Flexible Tube



No. 3152

043786	3151	1	.14	Aives
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HANDY CONNECTORS



No. 3157

Trade No.	Mfrs. No.	Diam. Inches	Price per 100	Code Word
043787	3169	1	\$1.50	Aivew

These connectors are very convenient for extending tube a few inches beyond the length of a five-foot piece, obviating the necessity of cutting same. They are made with a large tapering to a smaller end. Length $2\frac{1}{2}$ inches.

FLEXIBLE TUBE RECEPTACLES

Trade No.	Mfrs. No.	Diam. Inches	Price Each	Code Word
043788	3158	..	per set \$0.25	Aivex

FLANGES OR ROSETTES

For Mouth Pieces or Whistles

043789	3152	1	.04	Aivfu
043790	3153	$1\frac{1}{4}$	.06	Aivhu

FLEXIBLE TERMINALS



No. 3157

Trade No.	Mfrs. No.	Length Feet	Price Each	Code Word
043791	3155	2	\$1.50	Aivia
043792	3156	3	1.75	Aivio

Convenient for use on end of speaking tube line. Fitted with either whistle or open mouth pieces.

FLEXIBLE SPEAKING TUBES

Trade No.	Mfrs. No.	Price per Ft.	Code Word
043793	3157	any length \$0.24	Aiviv

One inch diameter covered with black or green braid.



No. 3159

TUBE RACKS

Trade No.	Mfrs. No.	Price Each	Code Word
043794	3159	Nickel plated..... \$0.20	Aivki

To hold the mouth piece of flexible tube terminals when not in actual use.

LETTER BOXES



No. 25098



No. 25099



No. 25139



No. 25149



No. 25065



No. 25138



No. 25249



No. 25252 1/2

No. 25098, CAST BRONZE					
Trade No.	DIMENSIONS, INCHES Over All	Letter Opening	Tin Back	Price Each Not Mounted	Code Word
064649	13 1/2 x 4	3 5/8	7 x 4 x 2 1/2	\$2.50	Asoym

No. 25098 is fastened with $\frac{3}{4}$ x $\frac{9}{32}$ thread machine screws from rear. For mounting on oak frame, make wall opening for nest of 3 boxes 12 inches wide x 12 inches high. Add or deduct for more or less Boxes, 4 inches per box in width. This box is not constructed for setting up without frame.

No. 25099, WROUGHT BRONZE					
064650	13 1/2 x 4 3/4	4	6 7/8 x 4 1/2 x 2	2.50	Asoyo

For mounting on oak frame, make wall opening for nest of 3 boxes 13 3/8 inches wide x 13 3/8 inches high, or when setting up loose on wainscoting 13 5/8 inches wide, exact, x 6 7/8 inches high, exact. Add or deduct for more or less boxes, 4 3/8 inches per box in width.

No. 25139, WROUGHT BRONZE					
064651	11 1/2 x 4 5/8	4	6 7/8 x 4 1/2 x 2	2.50	Aspac

For mounting on tile or marble, make wall opening for nest of 3 boxes 13 5/8 inches wide, exact, x 10 inches high. Add or deduct for more or less boxes, 4 5/8 inches per box in width. Boxes mounted on oak frames change height of opening to 11 inches, or for mounting loose on wainscoting change height of opening to 6 7/8 inches.

No. 25149 WROUGHT BRONZE					
064652	12 x 4 5/8	4	6 7/8 x 4 1/2 x 2	2.50	Aspaj

For mounting on tile or marble, make wall opening for nest of 3 boxes, 13 5/8 inches wide, exact, x 10 inches high. Add or deduct for more or less boxes, 4 3/8 inches per box in width. Boxes mounted on oak frames change height of opening to 11 inches, or for mounting loose on wainscoting change height of opening to 6 7/8 inches.

No. 25065 CAST BRONZE					
064657	9 x 4	3 5/8	7 x 4 x 2 1/2	2.00	Aspdo

No. 25138 WROUGHT BRONZE					
064658	8 x 4 5/8	4	6 7/8 x 4 1/4 x 2	1.80	Aspef

The two styles of boxes listed above are for miscellaneous purposes and can be furnished mounted on special order.

No. 25249 WROUGHT BRONZE					
064653	15 5/8 x 4 5/8	4	11 3/4 x 4 1/4 x 2 1/2	2.80	Aspan

No. 25249 1/2 WROUGHT BRONZE					
064654	15 5/8 x 4 5/8	4	11 3/4 x 4 1/4 x 2 1/2	3.00	Aspaw

No. 25249 1/2 is the same as No. 25249 but has doors like No. 25252 1/2.

No. 25252 WROUGHT BRONZE					
064655	16 3/8 x 4 5/8	4	11 3/4 x 4 1/4 x 2 1/2	2.80	Aspax

No. 25252 is the same as No. 25252 1/2, but has doors like No. 25249.

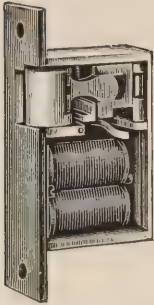
No. 25252 1/2 WROUGHT BRONZE					
064656	16 3/8 x 4 5/8	4	11 3/4 x 4 1/2 x 2 1/2	3.00	Aspbu

For mounting all double boxes on tile or marble, make wall opening for nest of 3 boxes 13 3/4 inches wide, exact, x 14 3/4 inches high. Add or deduct for more or less boxes, 4 3/4 inches per box in width. Boxes mounted on oak frame, change height of opening to 15 inches, or for mounting loose on wainscoting change height of opening to 11 3/4 inches.

All boxes listed on this page are highly polished and lacquered.

All boxes listed on this page have hinged door, lock and 2 keys; square beveled plate glass, space for name, and have screw caps pushes where shown with fibre back and german silver springs. All wrought boxes are fastened from face with $\frac{3}{4}$ x 6 screws, or with blind headed bolts with nuts.

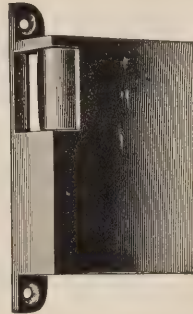
DOOR OPENERS



No. 042577



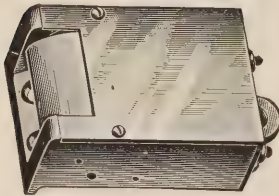
No. 042579



No. 042583



No. 042584



No. 042585

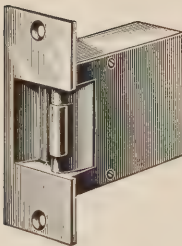
MORTISE DOOR OPENERS

Trade No.	Mfrs No.		Single Face Plate, ins.	Price Each	Code Word
042577	3190	With push-out spring	$3\frac{3}{4} \times 2\frac{1}{2}$	\$2.20	Aibbo
042578	3164	Size of mortise required, $3\frac{3}{4} \times 2\frac{1}{2} \times 1\frac{3}{8}$	$2 \times 7\frac{5}{8}$	3.00	Aibcu

With Special Magnets

042579	3188		$2 \times 7\frac{5}{8}$	3.00	Aibde
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The special magnets are so arranged that when the current is applied the latch becomes disengaged and stays so until the door is opened. Push-out spring is not furnished or required.



No. 042586

SCHNEIDER DOOR OPENERS

075875			2.50	Aibda
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JUNIOR DOOR OPENERS

042580	3161	Small size.....	$3\frac{1}{2} \times 2\frac{1}{4}$	2.00	Aibdo
042581	3162	Large face plate.....		3.00	Aibeb

With Special Magnets

042582	3163	No push-out springs.....		3.00	Aibed
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Nos. 3161 and 3162 furnished with push-out springs. Intended for use on doors where a large mortise is impossible.

RIM DOOR OPENERS

042583	3193	With push-out spring....	$3\frac{1}{2} \times 5$	3.00	Aiben
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RELIANCE Jr. DOOR OPENERS

042584	Face $5\frac{7}{8} \times 1\frac{1}{4}$ ins. Case, $4 \times 2\frac{1}{4} \times 1$ ins....		2.20	Aibex
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EDWARD RIM DOOR OPENERS

Trade No.	Mfrs No.		Price Each	Code Word
042585	152	Without push-out spring	\$3.50	Aibfa

For use with surface or rim locks on thin doors, iron gates, etc. The case is japanned iron. Size of base $3 \times 2\frac{1}{4}$ inch.

ECO DOOR OPENERS

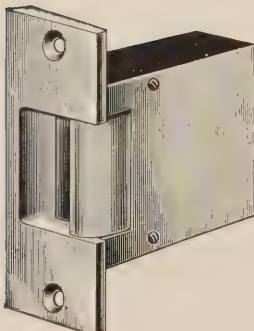
042586	154	With push-out spring	2.75	Aibfe
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The patented anti-friction roller enables this door opener to be used for very heavy doors with small battery power. Size of face plate $3\frac{1}{2}$ inch \times $1\frac{1}{4}$ inch.

NOJAR DOOR OPENERS

042587	155	With push-out spring	2.75	Aibgh
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Same as No. 154 without roller in nosing.



No. 042587

NAILS, STAPLES AND CLEATS

EUREKA FIBRE INSULATORS

Large Round Head

Trade No.	Type	Color Fibre	Length Inches	Price per 1000	Code Word
011739	1	Gray	$\frac{3}{4}$	\$2.50	Cneb
011740	1	Black	$\frac{3}{4}$	2.50	Cnel
011741	101	Gray	$\frac{3}{4}$	2.50	Cnet
011742	101	Black	$\frac{3}{4}$	2.50	Cnew
011743	102	Black	$\frac{3}{4}$	2.50	Cnfi

No. 1 types have polished brass heads, No. 101 types have oxidized heads, and No. 102 types have black heads.

Small Round Head

017650	52	Gray	$\frac{3}{4}$	1.35	Cnfo
017651	52	Black	$\frac{3}{4}$	1.35	Cnft
017652	62	Gray	$\frac{1}{8}$	1.50	Cngs
017653	62	Black	$\frac{1}{8}$	1.50	Cngu
017654	72	Gray	1	1.50	Cnhe
017655	72	Black	1	1.50	Cnho

Insulated Nails

017656	31	Gray	$\frac{5}{8}$	.90	Cnib
017657	31	Black	$\frac{5}{8}$	.90	Cnif
017658	32	Gray	$\frac{3}{4}$	.90	Cnil
017659	32	Black	$\frac{3}{4}$	.90	Cnis

The rubber bushing bulges when nail is driven.

Eureka Nails

017660	21	Gray	$\frac{5}{8}$	.60	Cniv
017661	21	Black	$\frac{5}{8}$	.60	Cnja
017662	22	Gray	$\frac{3}{4}$	.60	Cnje
017663	22	Black	$\frac{3}{4}$	.60	Cnjo

Eureka nails are insulated by the dip process.

PERFECTION INSULATED NAILS

Trade No.		Price per 1000	Code Word
011749	15 and 18 Nails, Plain Top.....	\$0.60	Cnka
011750	20 Nails, Plain Top.....	.70	Cnku
011751	22 Nails, Plain Top.....	.80	Cnlo

BLAKE INSULATED STAPLES

Trade No.	Mfrs. No.	For	Size Ins.	Price per 1000	Code Word
011745	1	Hard Wood	$\frac{1}{2}$	\$3.00	Cnlu
011746	3	General Use	$\frac{3}{4}$	3.00	Cnma
011747	5	Hard Wood	$\frac{5}{8}$	3.40	Cnmu
011748	6	General Use	$\frac{3}{4}$	3.40	Cnnb
011748A	7	Soft Wood	$\frac{7}{8}$	3.40	Cnna

Nos. 1 and 5 for hard wood; Nos. 3 and 7 for general use.

LEATHER NAIL HEADS

011112	Price per 1000.....	1.00	Cnne
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PLAIN COPPER STAPLES

Trade No.	Size Inches	Price per lb.	Code Word
011113	$\frac{3}{16}$	\$0.30	Cnnk
011114	$\frac{1}{4}$	.30	Cnnt

BLAKE CLEATS

Trade No.	Standard Pkg.	Price per 100	Code Word
011744	For Duplex Wire 100	\$0.70	Cnnr

Made of compressed wood. The center partition protects the wire from the nail or screw.



Round Head Insulator



Flat Head Insulator



Insulated Nails

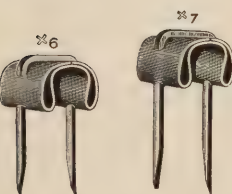
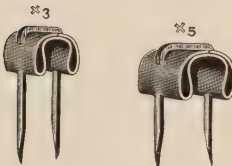


Eureka Nails

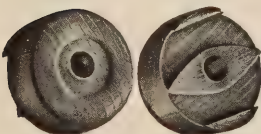


Perfection Nail

Blake Staple



Blake Staples



Blake Cleats

BINDING POSTS AND CONNECTORS



No. 4834



No. 4823



No. 4822



No. 4820



No. 4821



No. 4830



No. 4831



No. 4824



No. 4832



No. 4836



No. 4837



No. 4871



No. 4869



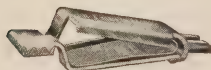
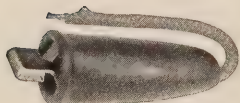
No. 052708



No. 052710



No. 052711

No. 2 Clip
Nickel FinishNo. 3 Clip, Insulated
Showing Cord Attached

BINDING POSTS

Trade No.	Mfrs. No.		Price Each	Code Word
052695	4834	Nickel Plated	\$0.20	Dond
052696	4823	Nickel Plated	.18	Dook
052697	4822	Nickel Plated	.12	Doom
052698	4820	Nickel Plated	.16	Dopa
052699	4821	Nickel Plated	.14	Dopp
052700	4830	Nickel Plated	.12	Dorb
052701	4831	Nickel Plated	.24	Dorn
052702	4824	Nickel Plated	.12	Doru
052703	4832	Nickel Plated	.06	Dost

The above binding posts can be furnished in plain, brass or nickel plated.

Can be furnished with machine screws as shown in No. 4830 or with wood screws as in No. 4824 or with machine bolts as shown in No. 4821.

CONNECTORS

For Battery Carbons

052704	4836	Brass	.04	Dous
052705	4837	For Leclanche Plates Brass	.06	Dowl

SINGLE CONNECTORS

For Sizes No. 16 and Finer

052706	4871	Brass	.06	Doxa
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DOUBLE CONNECTORS

For Sizes No. 12 and Finer

052707	4869	Brass	.12	Doxe
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FAHNESTOCK SPRING BINDING POSTS

Trade No.		Price Each	Code Word
052708	Brass	\$0.05	Doyo
052709	Nickel Plated	.05	Dpac

BULL DOG BATTERY CONNECTORS

052710	Battery Connector	.06	Dpaj
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The cable is securely soldered to the metal clips which positively makes a perfect contact.

FRANKEL'S TESTING CLIPS

Trade No.		Price Each	Code Word
052711		\$0.12½	Bdyko

UNIVERSAL TEST CLIPS

Trade No.	Mfrs. No.		Price Each	Code Word
052712	2	Clips only	\$0.15	Bdylo
052713	3	Clips with nipples	.20	Bdylp
052714	4	Nipples	.07½	Bdyof

Indestructible, made of steel, thin nose, wide-spreading jaws, teeth that mesh, for fine wires, side jaws, for the laboratory or for the field.

No. 3 is the clip in its insulated form.

The insulation in no way interferes with the action of the clip.

The nose only is exposed and the raised collar over the shoulder acts as a finger stop.

ELECTRIC GAS LIGHTING SUPPLIES



No. 1 1/2



No. 3



No. 17



No. 10

Advance
BurnerAdvance
GasoleneStyle "A"
Welsbach

No. 22

Advance
CandlePENDANT BURNERS
Pull Chain Type

Trade No.	Mfrs. No.		Price Each	Code Word
040232	1 1/2	Simple, No Valve	\$0.60	Aftav
040233	3	Ratchet Valve	1.20	Aftax
040234	3	Ratchet Valve, Gasolene	1.50	Aftca

The above are polished brass finish, no pulls furnished.

Stiff Pull Type

040235	17		1.00	Aftel
040236	10	Non-Short Circuiting	1.00	Afteo

ADVANCE STEM BURNERS

040237	..	Stem Burner	1.80	Aftet
040238	..	Side Lever Burner	1.70	Aftev
040239	..	Gasolene Burner	2.10	Aftex

These burners are operated by a key and do not short circuit on the return of the electrode.

ACETYLENE PENDANT BURNERS

040240	101	Stiff Pull, with Steward-Dolan Tip	1.50	Aftgi
040241	...	Advance Style A for 3 1/4 inch Holder	2.60	Aftgu
040242	...	Advance Style B for 2 1/4 inch Holder	2.60	Aftga
040243	...	Style A or B with Steward-Dolan Tip	2.50	Aftgs

WELSBACH ATTACHMENT

040244	...	Style A	2.10	Aftib
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CANDLE BURNERS

040245	...	Advance	3.60	Aftif
040246	20	Simple, no Valve	2.60	Aftje
040247	22	Ratchet	3.10	Aftju
040248	...	Candle Fitting, either Style	.50	Aftki

CHAIN PULLS

Trade No.	Length Inches	Price per Doz.	Code Word
040249	4	\$1.44	Aftko
040250	6	1.68	Aftla
040251	8	1.92	Aftna
040252	10	2.16	Aftod
040253	12	2.40	Aftok

STIFF PULLS

040254	6	1.20	Aftol
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SOLID BRASS ACORNS

040255	..	.40	Aftop
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CUPS AND PINS

040256	..	.20	Aftor
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BEAD CHAIN

Trade No.	Price per Yard	Code Word
040256A	\$0.28	Ahpan

ELECTRIC GAS LIGHTING SUPPLIES



Advance Burner



Boston Burner



Acetylene Burner



Welsbach Burner

ADVANCE AUTOMATIC BURNERS

Trade No.		Price Each	Code Word
040201	Regular	\$5.00	Aftov
040202	Safe Guard Automatic	6.00	Aftpi

BOSTON AUTOMATIC

040203	Regular	5.00	Aftto
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ADVANCE ACETYLENE AUTOMATIC

Trade No.	Size Inches	Price Each	Code Word
040204	$\frac{1}{4}$	\$8.50	Aftue
040205	$\frac{1}{2}$	8.50	Aftuh
040206	$\frac{3}{4}$	8.50	Aftuv
040207	1	8.50	Aftvo

Vibrator

040208	$\frac{1}{4}$	4.50	Aftvu
040209	$\frac{1}{2}$	4.50	Aftwe
040210	$\frac{3}{4}$	4.50	Afbye
040211	1	4.50	Aftyd

Automobile Vibrator

040212	$\frac{3}{4}$	5.00	Afuac
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ADVANCE AUTOMATIC WELSBACHS

Trade No.	Price Each	Code Word
040212A	\$8.00	Afuah

ADVANCE CANDLE AUTOMATIC

040213	With Regular Automatic	8.50	Afuak
040214	Automatic with Mechanism concealed in Candle	8.50	Afuan
040215	Fitting Special Candle Burners, extra	.50	Afuar

AUTOMATIC KEYS

Style A Metal Base

Trade No.	No. Buttons	Price Each	Code Word
040216	2	\$0.55	Afuba
040217	4	.85	Afubi
040218	6	1.20	Afubo
040219	8	1.60	Afubs
040220	10	2.20	Afucu
040221	12	2.70	Afudd

Style D - Wood Base

040222	2	.55	Afudē
040223	4	.85	Afudo
040224	6	1.20	Afudu
040225	8	1.60	Afuef
040226	10	2.20	Afuet
040227	12	2.70	Afufe

Wood Mats

040228	2	.30	Afufo
040229	4	.40	Afuft
040230	6	.50	Afgh
040231	8	.75	Afugi

For use on style A metal keys. Oak only.



Exposed Automatic Burner



Concealed Candle Burner



Style "A"



Style "D"

SPARK PLUGS

STA-RITE PLUGS

Vulcan Type

Trade No.	Mfrs. No.		Price Each	Code Word
063909	4A	Half inch separable double porcelain.....	\$1.00	Bappo
063910	6A	Metric, single, adjustable sparking points.....	1.00	Bapps
063911	8A	A.L.A.M. separable, outside sparking points.....	1.00	Bapuf

With the double porcelains, the contraction and expansion is uniform, and cap protects inner heated tube.

Gotham Type

063912	55	Half inch hollow tube porcelain.....	1.00	Bapul
063913	..	Porcelain tube, bolt, packing and nut.....	.50	Bapus

Partly closed end protects porcelain tube. Enlarged chamber in shell provides larger air space. Bronze bushing prevents sticking when taken apart for cleaning or inspection. Milled steel shell and bolt with copper vulcabestos packing gaskets insure durability and freedom from leakage.

Venus Type

063914	24	1/2-inch.....	1.00	Bapux
063915	28	3/8-inch-18 A.L.A.M.....	1.00	Bapve
063916	48A	Metric.....	1.00	Bapvk

Venus Sta-Rite mica plugs are constructed with solid bolt from Bessemer steel rod.

RAJAH SPARK PLUGS

063920	Complete.....	1.50	Bapyx
063921	Porcelain core.....	.50	Baque
063922	Gaskets.....	.10	Baquo
063923	Bushing.....	.10	Barab
063924	Clip terminal.....	.10	Barad

SOOT PROOF SPARK PLUGS

063917	Standard 1/2-inch.....	1.00	Bapyb
063918	Metric.....	1.00	Bapym
063919	A.L.A.M. pattern.....	1.00	Bapyt

BREECH BLOCK SPARK PLUGS

069054	Winton.....	1.75	Bgsko
069055	A.L.A.M.....	1.50	Bgsla
069056	Metric.....	1.50	Bgslu
069057	Half inch.....	1.50	Bgsma

Parts

069058	Bottom gaskets.....	.05	Bgsms
069059	Electrode recess washers.....	.05	Bgsno
069060	Thimble asbestos string.....	.05	Bgsod
069061	Thimble.....	.05	Bgsop
069062	Porcelain cap washer.....	.05	Bgsor
069063	Porcelain cap.....	.05	Bgsos
069064	Lock nut.....	.05	Bgspe
069065	Top nut.....	.05	Bgsse
069066	Electrode.....	.05	Bgssu
069067	Porcelain core.....	.25	Bgstb
069068	Mica, complete.....	.70	Bgsug
069069	Porcelain, complete.....	.50	Bgsuv
069070	Terminal clip.....	.10	Bgsva
069071	Bracket, complete.....	.75	Bgsve

Less than 1/6 turn opens or closes. One twist cleans. Locks with push of finger.

Breach Block clips may be nicely attached to fixed terminals with the accompanying screw and nut as shown. The Breach Block handle is an insulator and is very convenient when testing spark or removing clip from plug, preventing shocks, also attaching the clip at right angles to the cable permits of an easier motion when disconnecting clip from plug.

Breach Block clip with handle, screw and nut packed with each plug.



No. 063909



No. 063912



No. 063914



No. 063920



No. 063917

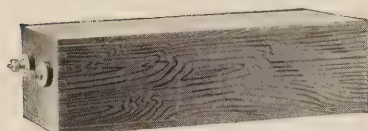


No. 063925

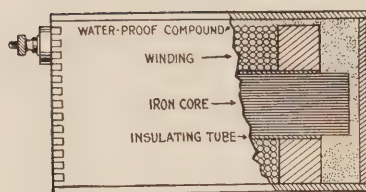
ENDURO SPARK COILS



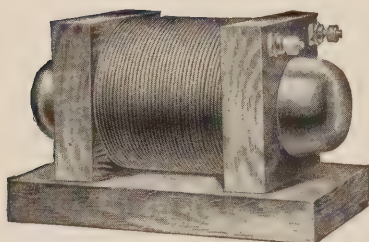
Gas Lighting Coil



Waterproof Gas Engine Coils



Details of Waterproof Coil



Nos. 26A and 27A Gas Engine Coils

All Enduro coils are made to carefully drawn specifications and with the highest quality of material and workmanship and are noted for their ability to endure long and exacting service without failure or deterioration.

Each represents the standard of excellence for its respective type. This has been gained by their efficiency of spark, their small consumption of battery, their lasting qualities and their compact and attractive appearance.

The 9A coil is particularly designed for high speed engines.

Our Waterproof Coils are constructed by scientific methods to standard specifications and are all their name implies.

FOR GAS LIGHTING WORK

Trade No.	Type	Length Inches	Price Each	Code Word
049982	2A	8	\$1.42	Aqxuc

Coil contains 6 layers of No. 14 copper wire wound on $\frac{3}{4}$ -inch iron core.

049983	3A	10	1.82	Aqxut
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Coil contains 6 layers of No. 14 copper wire wound on $\frac{3}{4}$ -inch iron core.

049984	4A	12	2.24	Aqxyd
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Coil contains 6 layers of No. 14 copper wire wound on $\frac{3}{4}$ -inch iron core.

049985	P-164	8	1.14	Aqyab
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Coil contains 6 layers of No. 16 copper wire wound on $\frac{3}{4}$ -inch iron core.

049986	P-165	10	1.50	Aqyaf
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Coil contains 6 layers of No. 16 copper wire wound on $\frac{3}{4}$ -inch iron core.

049987	P-257	12	1.86	Aqyap
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Coil contains 6 layers of No. 16 copper wire wound on $\frac{3}{4}$ -inch iron core.

FOR GAS ENGINE WORK

049988	6A	8	1.94	Aqyat
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Coil contains 6 layers of No. 14 copper wire wound on $1\frac{1}{8}$ -inch iron core.

049989	7A	10	2.44	Aqybe
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Coil contains 6 layers of No. 14 copper wire wound on $1\frac{1}{8}$ -inch iron core.

048990	8A	12	3.02	Aqyck
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Coil contains 6 layers of No. 14 copper wire wound on $1\frac{1}{8}$ -inch iron core.

049991	9A	$8\frac{1}{2}$	2.68	Aqyev
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Coil contains 8 layers of No. 14 copper wire wound on $1\frac{1}{8}$ -inch iron core.

049992	27A	..	3.08	Aqyfa
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Coil contains 14 layers of No. 14 copper wire wound on $1\frac{1}{4}$ -inch iron core.

049993	26A	..	3.50	Aqygo
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Coil contains 14 layers of No. 13 copper wire wound on $1\frac{1}{4}$ -inch iron core.

SPARK COILS



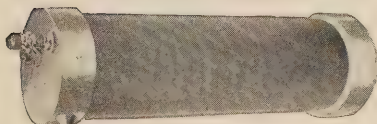
No. 16489



No. 16280



No. 16490



No. 3300

MARINE WATERPROOF PRIMARY COILS

These coils are designed for make-and-break ignition, and will give sufficient spark to ignite the gas in any type of engine. Use less battery than larger type of coils. They are thoroughly waterproof, compact, strongly constructed, and absolutely reliable.

Can be operated with any type of primary battery or magneto.

Trade No.	Mfrs. No.	Price Each
041425	16489	\$2.50

JUMP SPARK COILS

These are reliable vibrating spark coils for use with gas or gasoline engines of any type. The vibrator has an easy free movement which, in conjunction with the winding, will generate a satisfactory spark with small battery consumption.

Furnished with oak case, nicely finished with two binding posts on front.

Adjustment may be made while running by thumb-screw, which has locking spring to protect it from accidental movement.

Brass discs are attached to the back for fastening to the wall.

Trade No.	Mfrs. No.	Price Each
041426	16280	\$8.00

JUMP SPARK COILS

Weatherproof Covers

These coils are used extensively on motor boats and in places where water and dampness are liable to interfere with the operation of the vibrator.

The case of each coil is varnished and polished, and equipped with a weatherproof and waterproof cover which protects the vibrator from water and dirt. A strong tension spring holds the cover in place. Holding straps of metal are attached to the back of each case for fastening to the wall.

Five or six dry cells will give best results.

Trade No.	Mfrs. No.	Price Each
041427	16490	\$10.00

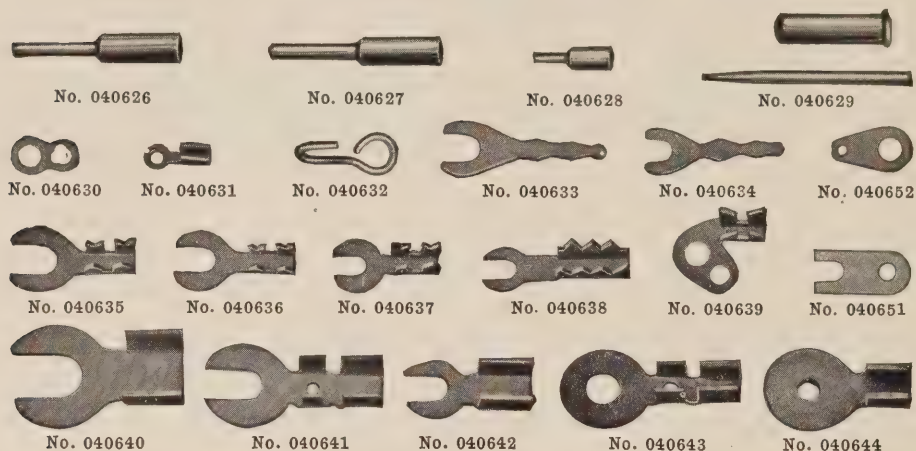
GAS LIGHTING SPARK COILS

Can be used for creating a spark for electric gas lighting, electric cigar lighters, or for make-and-break systems on gas or gasoline engines.

No. 14 pure copper wire double cotton covered is used for windings and special soft annealed iron wires for the core. Finished hardwood magnet heads and full size binding posts.

Trade No.	Mfrs. No.	Length of Spark, Inches	Price Each
041428	3300	8	\$1.60
041429	3301	10	2.00
041430	3302	12	2.25

BELDEN CORD TIPS



TIPS

Trade No.		Price per 100	Code Word
040626	For silk, worsted or cotton cords	\$0.50	Awbha
040627	For silk cord only	.50	Awbib
040628	Small hole	.50	Awbif
040629	Two-piece tip	.45	Awbix

CLIPS

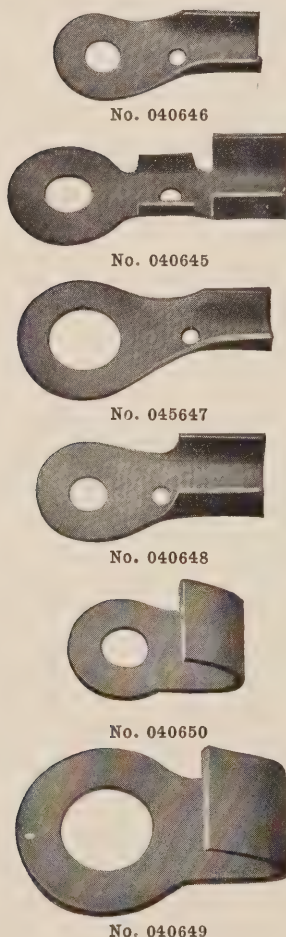
040630	For stay cord	.24	Awbja
040631	For plug cords	.24	Awbka
040632	For receiver cords	.40	Awbke

SPADE TIPS

040633	For No. 8 screw	.30	Awble
040634	For No. 6 screw	.27	Awbli
040635	For No. 10 screw	.40	Awbok
040636	For No. 8 screw	.35	Awbom
040637	For No. 6 screw	.35	Awbor

TERMINALS

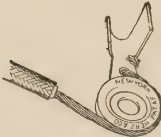
040638	Spade for No. 6 screw	.40	Awbox
040639	Combined terminal and spade clips	.72	Awbqu
040651	Flat	.28	Awbuc
040652	Small flat	.26	Awbbo
040640	Copper, for $\frac{1}{4}$ -inch screw	.90	Awbuk
040641	Brass, for No. 10 screw	.72	Awbws
040642	Copper, for No. 10 screw	.65	Awbyl
040643	Copper, with $\frac{3}{16}$ -inch hole	.65	Awbyr
040644	Copper, with $\frac{1}{8}$ -inch hole	.60	Awbys
040645	Copper, with $\frac{1}{4}$ -inch hole	1.10	Awbvy
040646	Copper, with $\frac{7}{32}$ -inch hole	.60	Awcab
040647	Copper, with $\frac{13}{32}$ -inch hole	.75	Awcam
040648	Copper, with $\frac{7}{32}$ -inch hole	.75	Awcat
040649	Copper, with $\frac{11}{32}$ -inch hole	1.75	Awcbt
040650	Copper, with $\frac{9}{32}$ -inch hole	1.25	Awced



COIL AND CABLE TERMINALS



Rajah
Clip Terminal



Herz Wire
Terminal



Rajah
Coil Terminal

RAJAH CLIP TERMINALS

Trade No.	Price Each	Code Word
059255	\$0.10	Azcbe

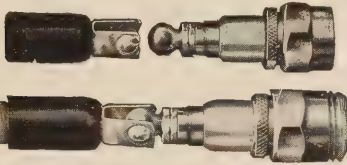
HERZ WIRE TERMINALS

059256	.50	Azco
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RAJAH COIL TERMINALS

059257	.10	Azceda
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To attach to cable remove the bottom nut on post of coil, place the hook terminal on post and return nut to its former position. The ferrule is attached to cable by passing wire through hole and soldering on outside and may then be snapped into the hook, making a swivel connection so that there is no strain on the wire. Ferrules to fit any size secondary insulated wire. In ordering send short piece of insulation for size of ferrule.



Connecticut Terminal

CONNECTICUT TERMINALS

For Secondary Cables

Trade No.	Mfrs. No.	Diam. Inches	Price Each	Code Word
059258	1/2 S	1/2	\$0.20	Azcde
059259	3/8 S	3/8	.20	Azceg
059260	5/16 S	5/16	.20	Azcep

For Primary Wire

059261	3/16 P	...	.15	Azcig
059262	1/8 P	...	.15	Azcik

HERZ DETACHABLE TERMINALS

Trade No.	Size Inches	Price per Doz.	Code Word
059263	1/4	\$1.00	Azcki
059264	3/8	1.25	Azclo
059265	1/2	1.20	Azcm
059266	3/8	1.75	Azcob

FLUSH MIDGET SEPARABLE CONNECTORS

Trade No.	Price Each	Code Word
059267	Flush midget separable connector	\$0.80 Azcol
059268	Plug only	.25 Azcon
059269	Receptacles only	.55 Azcpa

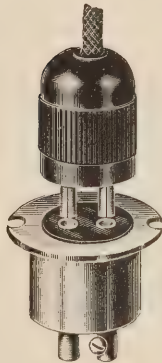
This device can be used to advantage in any place where a permanent battery connection is desired and is always ready for service by inserting the plug. The base can be inserted in a 5/8-inch hole and the plug end to miniature lamp either portable or stationary.

SEPARABLE CONNECTORS

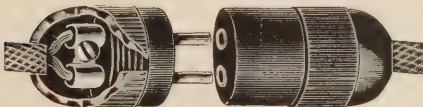
059270	Midget separable connector small size	.50	Azeta
059271	Small size plug only	.25	Azcun
059272	Small size receptacle only	.25	Azcus
059273	Midget separable connector medium size	.60	Azevu
059274	Medium size plug only	.30	Azeyd
059275	Medium size receptacle only	.30	Azeyp



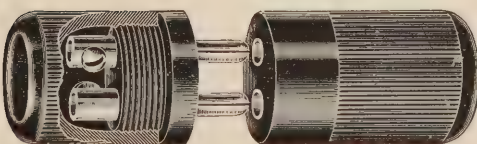
Herz
Detachable Terminals



Flush Midget
Separable Connector



Small Separable Connector



Medium Separable Connector

STAGE CONNECTORS

KLIEGL CONNECTORS

Regular Style

No. 955 is made of hard red fibre, having brass split pins that fit tightly and make good contacts. The spacing of the pins is in accordance with the underwriters' requirements and New York City inspection. All live parts are enclosed. Provided on each end with an approved cable clamp, which is furnished with teeth which bite into the cable and hold it firmly by its outer insulation.

Trade No.	Mfrs. No.	Amperes	Volts	For Stage Cable No.	Price Each
086758	950	5	125	14	\$0.90
086759	951	5	125	16	.90
086760	952	5	125	18	.90
086761	955	15	125	14	1.25

Arc Connectors, for Asbestos Wire

No. 960 is made for connecting asbestos wire on arc lamps between rheostat and hood. Similar to the regular stage connector, except that it is heavier in construction and its cable clamps are for two asbestos wires. Furnished with four Kliegl Solderless Lugs for asbestos wire. All live terminals enclosed.

Trade No.	Mfrs. No.	Amperes	Volts	Price Each
086762	960	30	125	\$1.75

Sign Connectors

A small neat device for connecting electric letters to signs which are changed frequently.

086763	971	5	125	.30
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Auto Connectors

These connectors are made in two parts, the inner of hard fibre and the outer casing of aluminum. The inner fibre connection is made to hold No. 6 flexible stage cable. The outer casing is cast aluminum, which protects and encloses all live parts. Cable clamp doors are hinged, and provided with teeth which bite into the cable and hold it by its outer insulation. By means of a fixed center screw the plug can only enter one way.

Suitable for heavy cable connections for theatrical purposes, as well as for garage stations for charging storage batteries for automobiles, etc.

086764	965	50	125	5.00
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MESCO CONNECTORS

Small Size

It will be found invaluable by demonstrators of electrical experiments, on the lecture platform, laboratories, etc.

Trade No.	Mfrs. No.	Amperes	Size Inches	Price Each
077946	6536	10	$1\frac{7}{8} \times 1\frac{1}{16} \times \frac{7}{16}$	\$0.50

Medium Size

For connecting portables, fans, small motors, etc., it will be found very convenient, its simplicity recommending it for such purposes.

It is provided with two eye screws, one at each end, which can be used for anchoring the cord should it be deemed advisable to do so. Can also be looped together by this means, so that when separated the two parts, being close together, can be located and connected without delay.

077947	6535	15	$1\frac{7}{8} \times 1\frac{1}{4} \times \frac{3}{4}$.60
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Large Size

These connectors are very convenient for connections which have to be made and unmade frequently and rapidly. Therefore, they are well adapted for theatrical work, for storage battery connections in electrical vehicles, for trailer-light couplings on electric railways, and for large chandeliers in churches and theaters.

Made in accordance with the Underwriters' requirements, and will safely carry 25 amperes on 125-volt circuits.

077948	6534	25	$1\frac{7}{8} \times 1\frac{7}{8} \times 1\frac{7}{8}$.80
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No. 950



No. 955



No. 960



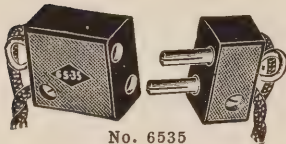
No. 971



No. 965



No. 6536

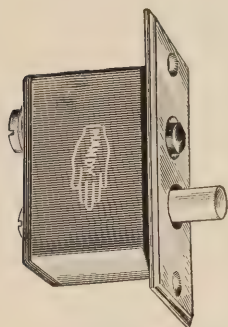


No. 6535



No. 6534

HANDY BATTERY SWITCHES



No. 500



No. 112



No. 111

HANDY FLUSH PUSH SWITCHES

Trade No.	Mfrs. No.	No. of Gang	Price Each	Code Word
054916	500	1	\$1.00	Bfnon
055112	500	2	2.00	Bfyob
055113	500	3	3.00	Bfyof
055114	500	4	4.00	Bfyol
055115	500	5	5.00	Bfypt

HANDY SWITCHES

Two Point Switches

Trade No.	Mfrs. No.		Price Each	Code Word
054914	111	Permanent lever	\$0.60	Bfnod
054915	112	Removable lever	.40	Bfnol

HANDY SECRET FLUSH PLUG SWITCHES

Trade No.	Mfrs. No.	Style Terminal	Diam. Ins.	Length Ins.	Price Each	Code Word
054940	22	Open	1/2	1	\$0.44	Bfoda
054941	46A	Screw	1/2	1	.56	Bfods
054942	220	Open	5/8	1 1/4	.60	Bfoek
054943	460A	Screw	5/8	1 1/4	.72	Bfofo

HANDY SECRET PLUG ONLY

Trade No.	Mfrs. No.		Diam. Ins.	Length Ins.	Price Each	Code Word
054944	022	.....	1/2	...	.20	Bfoft
054945	0220	.....	5/8	...	.24	Bfofu

HANDY FLUSH FLOOR SWITCHES

Trade No.	Mfrs. No.				Price Each	Code Word
054946	1000	.....	..	...	.80	Bfoga

HANDY TAPPING CONNECTORS

Trade No.	Mfrs. No.		Price Each	Code Word
054911	99		\$1.30	Bfnlx

OIL LAMP CONVERTERS

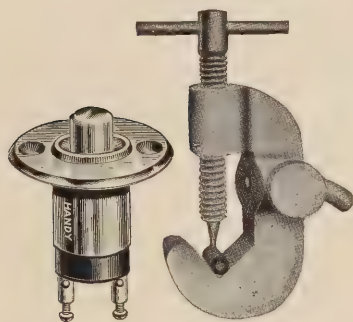
Trade No.	Mfrs. No.		Price Each	Code Word
054917	110	Without socket	\$0.20	Bfnov
Adapters				
054918	120	Complete with socket	.32	Bfnox
Fibre Sockets				
054919	110 1/2	5/8-inch in diameter	.16	Bfnpa
054920	111 1/2	3/4-inch in diameter	.18	Bfnpt
Rubber Sockets				
054921	112 1/2	5/8-inch in diameter	.32	Bfnpu



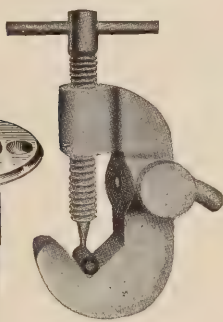
No. 22



No. 46A



No. 1000



No. 99



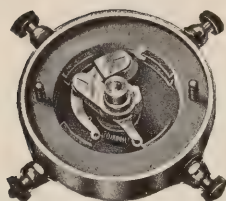
No. 110 Converter



No. 120 Adapter

AUTOMOBILE SUPPLIES

CONNECTICUT TIMERS.



No. 06419.

Trade No.	No. of Cylinders.	Price Each.	Code Word.
06416	1	\$7.00	Abbicixhe
06417	2	7.50	Abbicixmu
06418	3	8.00	Abbicixoh
06419	4	8.50	Abbicixpo
06420	6	9.50	Abbicixyd

In ordering, mention whether shaft is $\frac{1}{2}$ or $\frac{5}{8}$ -inch.

The Connecticut Timer is in dust-proof casing, the shaft carrying the contact wheel holder is ball bearing and adjustable from the outside; where connections are held in cupped washers. Contact plugs are made of hardened tool steel and accurately spaced by micrometer index



No. 06421

CONNECTICUT SWITCHES.

Magneto Switch.

Trade No.	Price Each.	Code Word.
06421 Open or Closed Circuit	\$2.50	Abbicooht

Closed Circuit will be shipped unless otherwise specified.

This Switch is designed for use with a double ignition system when a vibrator coil and battery are used as one and a high tension magneto as the other. It is so arranged that with the running plug in top of switch removed it is impossible to start the engine, as the battery circuit is opened and magneto circuit closed. Back edge is fitted with soft rubber gasket.



No. 06422.

Removable Lever Switch.

Trade No.	Price Each.	Code Word.
06422 Type L, Brass finish....	\$1.00	Abbicooafs

This Switch is of the lock type, with a removable lever, which can be carried in the pocket. The lever is made of a special grade of spring bronze, ensuring positive contacts.

The back edge is fitted with a soft rubber gasket. Arranged to throw in either set of batteries.



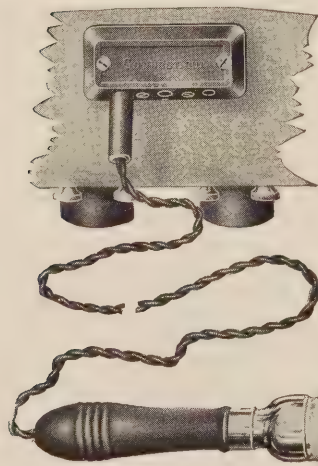
No. 06423.

Plug Switch.

Trade No.	Price Each.	Code Word.
06423 Type P	\$1.00	Abbicooagm

This Switch is made so that water cannot run into sockets.

The back edge is fitted with a soft rubber gasket.



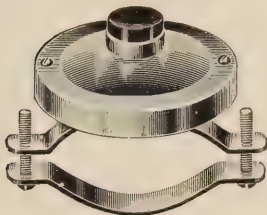
No. 06424.

CONNECTICUT EXPLORING LAMPS.

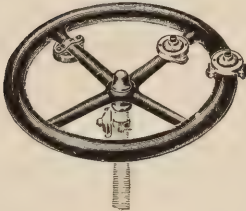
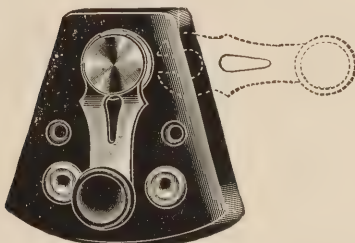
Trade No.	Price Each.	Code Word.
06424 Complete with Plug....	\$3.50	Abbicooahu
06425 Without Plug.....	3.00	Abbicooaif

Insert the plug of the lamp into the plug switch on your coil and you will obtain the current to light the lamp. These lamps are put up in neat re-enforced leather cases with snap locks, so that they can be thrown into the tool box without danger of injury.

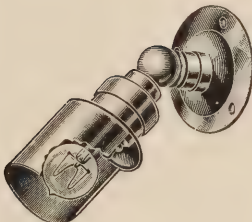
AUTOMOBILE SUPPLIES



No. 1178

Different Methods of Attaching
Push Buttons

No. 16350



No. 5240



No. 5215



No. 5225



No. 5226

AUTOMOBILE PUSH BUTTONS

Trade No.	Mfrs. No.	Diam. Inches	Price Each	Trade No.	Mfrs. No.	Diam. Inches	Price Each
078014	1178	2 1/8	\$2.00	078017	1183	2 1/8	\$2.00
078015	1179	2 1/8	2.00	078018	1184	2 1/8	2.00
078016	1180	1 1/4	2.00	078019	1185	2 1/8	2.00

No. 1178 is for use on steering post or rim of wheel. Furnished with two sets of screws, with a range from 1 1/4 to 2 inches clamping diameter. May also be used, without the clamp, on a flat surface.

No. 1179 is the same as No. 1178 except that it has a smaller bracket and is made for use on the steering wheel spider.

No. 1180 same as No. 1179 but smaller diam.

Nos. 1183, 1184 and 1185 have a highly polished molded rubber base. No. 1183 has a bracket for mounting on rim or steering post. No. 1184 is for mounting on spider.

No. 1185 is designed for mounting on a flat surface. Standard finish, polished brass. Other finishes to order.

IGNITION SWITCHES

These switches have three contact points. The two outside ones are used either for two sets of batteries alternately or magneto and battery. The center point is used as a resting place for the lever. Two sets of batteries can be thrown in multiple by placing a key or strip of metal under lever across the points. No. 16350 has a soft rubber gasket on back which renders it waterproof. No. 16351 is slotted to permit wiring from the front and has no rubber gasket.

Trade No.	Mfrs. No.		Price Each
078020	16350	Waterproof type.....	\$1.00
078021	16351	For open wiring.....	1.00

GAUGE LAMPS

078022	5240	Complete with 2 C.P. Mazda Lamps	1.75
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Metal work is finished in polished brass or nickel-plated. Specify finish desired when ordering otherwise polished brass will be sent.

ELECTRIC LIGHT ATTACHMENTS

For Automobile Gas and Oil Lamps

These attachments are arranged to clamp over the burner and hold the electric lamp in the location intended for oil or gas light. An outfit consists of one clamp and socket, 6 inches of flexible conducting cord with one midjet separable connector attached. Electric lamp is not included.

078023	5225	For gas lamps.....	.75
078024	5226	For oil lamps.....	.75

ADJUSTABLE MINIATURE LAMP BRACKETS

For Use in Automobiles, Boat Cabins, Etc.

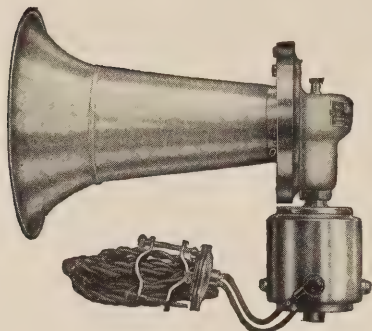
Can be attached to the wall or ceiling and the lamp adjusted to any angle desired by a knuckle joint near the base plate which permits the lamp and socket to be moved to any angle within the half circle. It will remain in position regardless of vibration. All metal parts are nickel-plated.

Furnished with porcelain weatherproof miniature, or candelabra socket with extended wires for connecting. Lamp not included. Any special finish can be supplied on order.

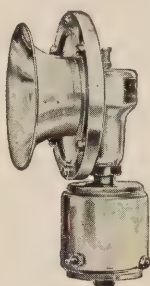
078025	5215	With miniature socket	1.00
078026	5216	With candelabra socket....	1.00

If with 6-inch leads of silk covered conducting cord and one No. 6501 midjet separable connector, add \$0.35.

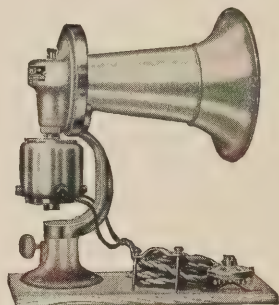
AUTOMOBILE HORNS



No. 052778



No. 052779



No. 052780

KLAXON HORNS

Style L

Trade No.	Price Each	Code Word
052778 Long projector	\$35.00	Belho

Style S

052779 Short projector	30.00	Belig
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The Klaxon is a long range signal, designed to make motoring safe by warning other traffic before the car comes into view. It is audible a mile or more, and warns effectively a quarter to half a mile. By its use speed may be maintained with comfort and fully half of the usual braking and gear shifting saved.

It consists of an alloy steel diaphragm vibrated by an electric motor. It is built like watchwork, and will outlast the car. Current is taken from the ignition battery, 6 to 8 volts storage, or 6 to 8 dry cells. The bracket is readily attached to the dashboard.

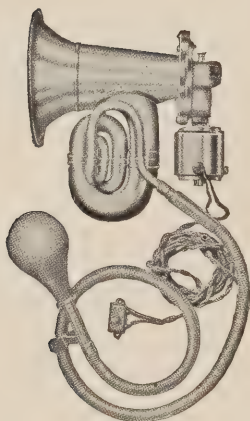
Deck Type

052780	37.50	Belji
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Combination Type

052781	50.00	Belin
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The design and mechanical features of a reed or bulb horn combination with a Klaxon are fully protected by patents. It is made to fit on right side of car and to take the place of the bulb horn.



No. 052781



No. 052782

MESCO HORNS

Automobile Types

Trade No.	Mfr No.	Price Each	Code Word
052782	2105	\$15.00	Beljo

The Mesco horn is suitable for use on automobile or boat. It has a high pitched note and clear tone. It is built of heavy cast and wrought brass, highly polished and will stand hard usage. The equipment includes weatherproof push button with bracket, adjustable for either steering wheel, rain spider, or post, ten feet of conducting cable and a double set of brass screws for attaching to wood or metal.

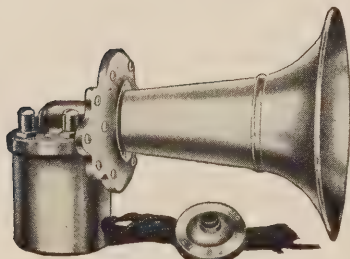
Standard finish polished brass.

ARNOLD ALARMS

052783	20	With small projector	20.00	Belki
052784	30	With large projector	25.00	Belko

No. 30 is same design as No. 20, with larger diaphragm and projector, permitting of larger volume of sound, for large touring cars, speedy roadsters, motor boats, etc.

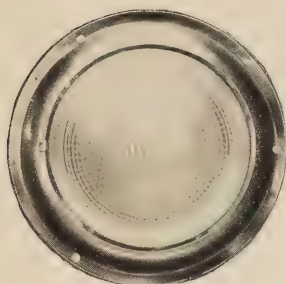
With every Arnold Alarm there is included ten feet of the best electric cord, highly polished brass push button, together with all necessary clamps, screws and bolts, for immediately and quickly attaching the device.



No. 052783

MOTOR CAR AND MOTOR BOAT FIXTURES

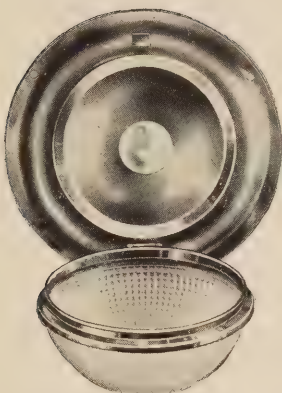
PATTERSON DOME LIGHTS



No. 322
Dome Light

These lights are made in four sizes, with and without switching device. They are very generally used in automobile and motor boat work; regularly finished in polished lacquered brass; have Holophane bowl shades, heavy silver-plated reflectors, and an absolutely satisfactory locking-catch to hold dome in position.

They are furnished with candelabra receptacles, as Mazda Battery Lamps are now standardized in candelabra in place of miniature as formerly. Each light is packed in separate corrugated carton, attractively labeled for shelf stock.



No. 322
Dome Light
Globe Opened to Show
Reflector and Lamp

Trade No.	Mfrs. No.	Size of Dome Inches	Description	Depth Over All Inches	Flange Over All Inches	Flange Without Lamp, Each
073251	322	3	Polished brass, with holophane reflector and candelabra receptacle....	2½	4½	\$2.50
073252	3220	3	Similar to No. 322, but with pull chain switch	2⅞	4½	3.00
073253	323	4	Similar to No. 322.....	2½	5¾	3.00
073254	3230	4	Similar to No. 3220 with pull-chain socket.....	2⅞	5¾	3.50
073255	324	5	Similar to No. 322.....	2½	6¼	3.50
073256	3240	5	Similar to No. 3220 with pull-chain socket.....	2⅞	6¼	4.00
073257	3690	6	Similar to No. 3220 with pull-chain socket.....	2	6¼	4.50

Furnished in full polished nickel at 20 per cent additional to list.

Mazda Lamps for above, each \$0.50. Specify voltage desired.

HOPPER CABIN AND LIMOUSINE LIGHTS

These lights are often preferred to dome lights because they give additional light for general illumination. They are regularly finished in polished brass and have Holophane prismatic reflector, 3½ inches across opening. Furnished with either keyless or pull-chain sockets as may be specified.



No. 325
Hopper Cabin Light

Trade No.	Mfrs. No.	Description	Depth Over All Inches	Price Without Lamp Each
073258	325	Polished lacquered brass, with 3½-inch Holophane shade and candelabra socket.....	2½	\$1.50
073259	3250	Same as No. 325, but with pull-chain socket.....	2½	1.85

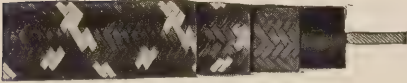
Furnished in full polished nickel at 20 per cent additional to list.

Mazda Lamps for above, each \$0.50. Specify voltage desired.

AUTO CABLE



Primary or Low Tension Cable



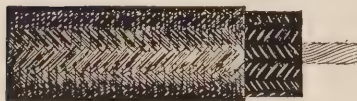
No. 12 Secondary or High Tension Cable



No. 13 Secondary or High Tension Cable



Black Primary Cable



Black Secondary Cable



No. 142, Two Conductor Primary Cable



No. 143, Three Conductor Primary Cable



Plain Rubber Secondary Cable

No. 14 PRIMARY OR LOW TENSION CABLE

Trade No.	No. Strands	Size Each Strand	Outside Diam. Ins. 100 Ft.	Price per 100 Ft.	Code Word
050537	41	30	$\frac{1}{2}$	\$7.00	Betwe

Insulated with one layer of the best grade of rubber which in turn is protected by two layers of braid.

SECONDARY OR HIGH TENSION CABLE

No. 12					
Trade No.	No. Strands	Size Each Strand	Outside Diam. Ins. 100 Ft.	Price per 100 Ft.	Code Word
050538	37	30	$\frac{1}{2}$	16.00	Betye

Protected with three layers of rubber and three fast color braids.

No. 13					
Trade No.	No. Strands	Size Each Strand	Outside Diam. Ins. 100 Ft.	Price per 100 Ft.	Code Word
050539	37	30	$\frac{3}{8}$	14.00	Betyd

Same as No. 12 but only $\frac{3}{8}$ -inch diameter.

BLACK PRIMARY CABLE

Trade No.	No. Strands	Size Each Strand	Outside Diam. Ins. 100 Ft.	Price per 100 Ft.	Code Word
050540	41	30	$\frac{7}{32}$	2.50	Beuac

Insulated with one layer of high grade rubber, protected by waterproof braid.

BLACK SECONDARY CABLE

Trade No.	No. Strands	Size Each Strand	Outside Diam. Ins. 100 Ft.	Price per 100 Ft.	Code Word
050541	41	30	$\frac{3}{8}$	6.50	Beuaf

Insulated with one layer of high grade rubber and covered with a waterproof cotton braid.

MULTIPLE CONDUCTOR PRIMARY CABLE

No. 142, Two Conductor					
Trade No.	No. Strands	Size Each Strand	Outside Diam. Ins. 100 Ft.	Price per 100 Ft.	Code Word
050542	37	30	$\frac{13}{32}$	20.00	Beuah

Insulated with rubber and braided. Over all is placed two braids.

No. 143, Three Conductor					
Trade No.	No. Strands	Size Each Strand	Outside Diam. Ins. 100 Ft.	Price per 100 Ft.	Code Word
050543	37	30	$\frac{13}{32}$	30.00	Beuak

Strands and conductors similar in construction to the double. Each conductor differing in color from the other. All three cabled together with cotton filling, making the cable perfectly round. Over all is placed a double braid of yarn, thoroughly saturated with a flexible oil proof wax.

No. 144, Four Conductor					
Trade No.	No. Strands	Size Each Strand	Outside Diam. Ins. 100 Ft.	Price per 100 Ft.	Code Word
050544	37	30	$\frac{17}{32}$	40.00	Beuan

Similar in construction to the three conductor cable. The conductors are of the following colors: white, red, green and black.

No. 145, Five Conductor					
Trade No.	No. Strands	Size Each Strand	Outside Diam. Ins. 100 Ft.	Price per 100 Ft.	Code Word
050545	37	30	$\frac{9}{16}$	50.00	Beuar

Similar in construction to other multiple conductor cables. The conductors are colored black, red, green, white and yellow.

No. 146, Six Conductor					
Trade No.	No. Strands	Size Each Strand	Outside Diam. Ins. 100 Ft.	Price per 100 Ft.	Code Word
050546	37	30	$\frac{5}{8}$	60.00	Beuba

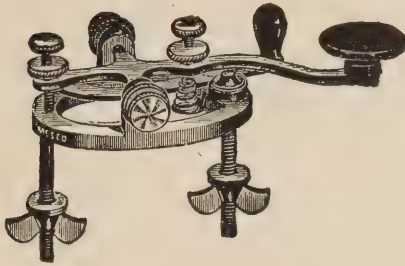
Similar to other multiple conductor cables in construction. The six conductors are of the following colors: white, black, yellow, red, green and brown.

PLAIN RUBBER SECONDARY CABLE

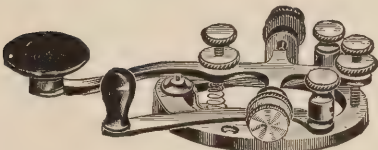
A very flexible high grade plain rubber cable comparing favorably with the various foreign cables. The 5 mm. (.2 in.) is used for primary, 7 or 9 mm. (.28 or .35 in.) for magneto and 12 mm. (.5 in.) for high tension secondary.

Trade No.	M M	Price per 100 Ft.	Code Word
050547	5	\$4.00	Beubi
050548	7	9.00	Beubo
050549	9	12.00	Beucu
050550	12	17.00	Beudd

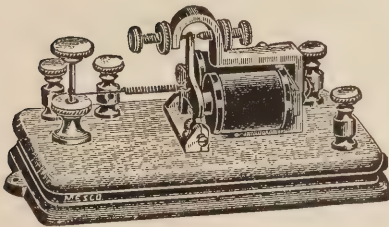
TELEGRAPH INSTRUMENTS.



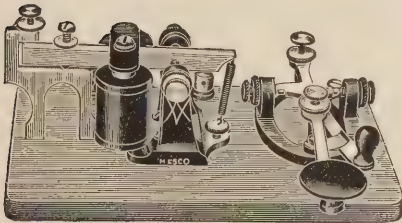
No. M103



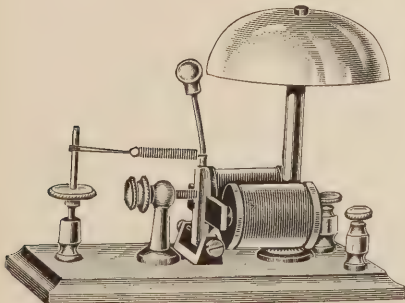
No. M108.



No. M115.



No. M179.



No. B1392.

STEEL LEVER KEYS.

With Legs.

Trade No.	Price Each.	Code Word.
M103 Nickel plated lever, brass frame	\$1.90	Dylgo
M105 Nickel plated lever and frame.	2.10	Domgo

Legless.

M108 Nickel plated lever, brass frame	2.10	Dovto
M109 Nickel plated lever and frame.	2.30	Dequo

All keys are fitted with improved adjustment spring holder.

All the parts are finely finished. It has nickel plated lever, gutta percha knobs, and brass work highly polished. It is the standard of Postal and Western Union Telegraph Companies.

STANDARD PONY RELAYS.

M114 5 ohms for Burglar Al'm Work	3.00	Dwogo
M115 20 ohms for lines up to 10 miles	3.00	Ddygo
M116 50 ohms for lines 10 to 30 miles	3.30	Dufho
M118 75 ohms for lines 30 to 50 miles	3.50	Dilho

Mounted on polished mahogany base, with metallic sub-base.

Its use will enable work on lines up to 20 miles, with perfect ease, in cases where main line-sounders fail to give satisfaction. Requires less battery to operate it than does any main line sounder of like resistance.

COMMERCIAL STANDARD RELAYS.

M125 150 ohms.....	6.30	Qyl da
M145 250 ohms.....	6.80	Qinda

Polished rubber covered coils, mahogany base. Ornamental surface and extension adjustment.

EUREKA TELEGRAPH INSTRUMENTS.

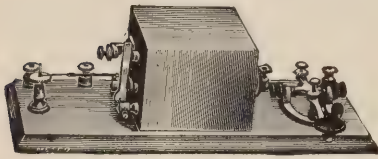
M178 5 ohms.....	2.30	Dblap
M179 20 ohms.....	2.50	Dynap

The most complete book of instructions for amateurs ever published is furnished with each instrument.

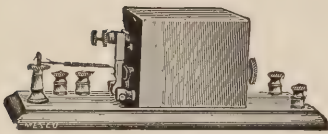
DISTRICT SIGNAL BELLS.

Trade No.	Gong Ins.	4 OHMS.		20 OHMS.	
		Price Ea.	Code Word.	Price Ea.	Code Word.
B1392	3	\$3.00	Desap	\$3.50	Dumep
B1393	4	3.50	Dayap	4.00	Dyvep
B1394	5	4.00	Dacep	4.50	Diwep

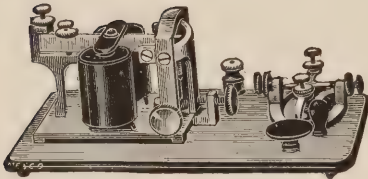
TELEGRAPH INSTRUMENTS



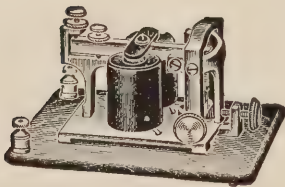
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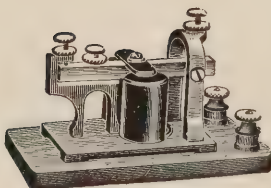
No. 129



No. 135



No. 136



No. 110

BOX-SOUNDING RELAYS

With Key					
Trade	Mfrs.	Resistance	Price	Code	
	No.	Ohms.	Each.	Word.	
040177	127	150	\$ 9.50	Afsug	
040178	133	250	10.00	Afsuv	
Without Key					
040179	129	150	7.50	Afsva	
040180	131	250	8.00	Afsve	

Special Resistances to order.

The Box Relay is designed to combine in one instrument, as far as possible, all the advantages to be obtained in ease of working on long or difficult lines, that is guaranteed by the use of a relay, and at the same time dispense with the usual local sounder and local battery. The box device has the acoustic effect of amplifying the sound to such an extent as to make the use of the sounder unnecessary, except in very noisy locations. Is provided with local connections, so that it can be used for a relay, if so desired; the magnets are adjustable, and there is a patented device attached to the sounding box, so that the sound can be regulated to suit. This set is made with box and base of polished mahogany.

MAIN LINE SOUNDERS

With Key				
040181	135	150	9.50	Afsyd
040182	138	250	10.00	Afsyt
Without Key				
040183	136	150	7.50	Afsyv
040184	140	250	8.00	Afsyx

Unequaled for wrecking, testing, switching or temporary office use, and all places where it is desirable to dispense with local batteries.

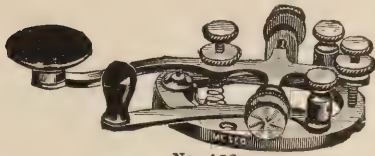
Made with full size relay magnets of 150 ohms resistance, having a special armature adjustment and fully suited for doing, in a greatly improved manner, the work of regular main line box relays. They are sensitive to weak currents, giving a clear working sound on circuits where, without them, a relay with local sounder and battery would be absolutely necessary.

IMPROVED GIANT SOUNDERS

Brass Lever				
040185	110	5	2.80	Aftah
040186	112	20	3.00	Aftaj
Aluminum Lever				
040187	111	5	2.80	Aftas
040188	113	20	3.00	Aftat

One cell of ordinary crowfoot battery will operate this instrument, producing a sound louder and clearer than can be obtained from any other sounder with two cells of battery.

WIRELESS TELEGRAPH APPARATUS



No. 452

WIRELESS KEYS

Legless Type

Trade No.	Mfrs. No.		Price Each
078027	452	Nickel-plated lever, brass frame.....	\$3.25
078028	453	All nickel-plated....	3.50

Leg Type

078029	450	Nickel-plated lever, brass frame.....	3.00
078030	451	All nickel-plated....	3.25

This key is of the standard type of telegraph key, but with no circuit breaker and with extra heavy points. The bushings are of mica, which will stand the heat caused by breaking heavy currents. This key will break as much as 25 amperes if shunted by a suitable condenser. Can be used on stations from the smallest up to $2\frac{1}{2}$ K. W. capacity.

Steel lever is nickel-plated, and brass frame is finely grained and lacquered.

HIGH EFFICIENCY SPARK GAP

078031	465	5.00
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This spark gap is adapted for all stations from the smallest up to $\frac{1}{4}$ K. W. capacity. The base is of polished hard rubber, and the standards are of hard rubber composition of the highest insulating properties. The hard rubber ends on the brass rods permit the length of the gap to be varied while sending. Spark terminals are of zinc, as used by commercial stations, and are renewable.

ZINC SPARK GAP

078032	467	1.00
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Extensively used for coils up to 2-inch spark; base is of polished oak, standards are nickel-plated, and spark terminals are of zinc. Hard rubber ends are provided so that the length of the gap can be varied while sending.

TRANSMITTING OUTFITS

Type A

Consists of the following: One No. 462 one-inch spark coil; one No. 467 zinc spark gap; one No. 452 wireless telegraph key; 6 dry batteries.

Will send from one to five miles with a suitable aerial wire.

078033	476	15.00
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Type B

Consists of the following: One No. 464 two-inch spark coil; one No. 456 high efficiency spark gap; one No. 452 wireless telegraph key; 8 dry batteries.

Under above conditions, will transmit up to about eight miles.

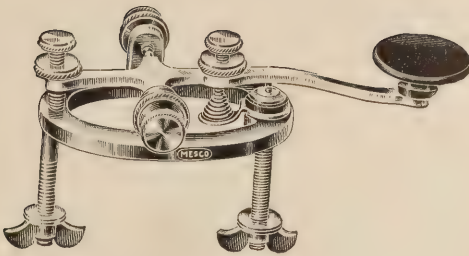
078034	477	30.00
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Type C

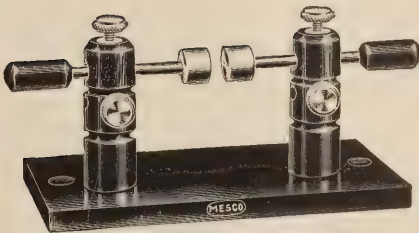
078035	490	One-inch coil.....	20.00
078036	491	Two-inch coil.....	33.00

No. 490 consists of the same parts as the Type A outfit, but the coil, key and spark gap are mounted on a heavy polished oak base.

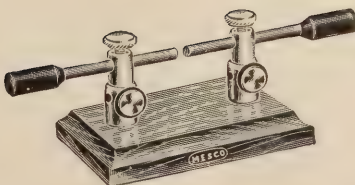
No. 491 has the same parts as the Type B outfit, with the coil, key and spark gap mounted on a heavy polished oak base.



No. 450

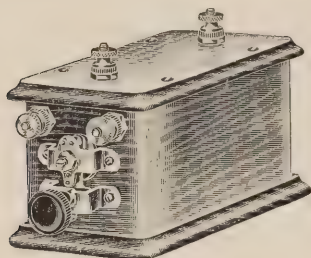


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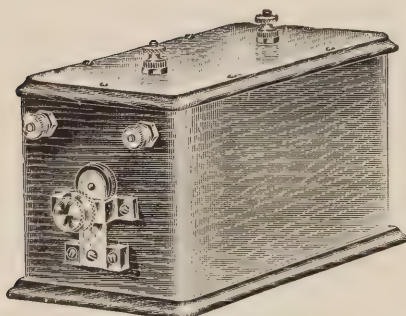


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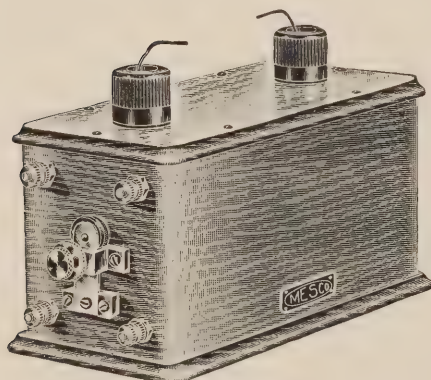
WIRELESS TELEGRAPH APPARATUS



Nos. 459-460



Nos. 461-464



Nos. 495-496



No. 449



No. 498

WIRELESS SPARK COILS

These coils are designed especially for wireless and high frequency work. The rated spark length is guaranteed between needle points, if the proper number of good dry batteries is used to operate the coil. The spark produced is heavy and energetic.

The contact points on the interrupter are heavy platino-iridium which is the best material known for the purpose. The interrupter is so designed that it will not stick.

All coils are furnished complete with primary condenser, which is placed in the case of Nos. 459 to 464, inclusive. Nos. 495 and 496 coils are provided with a No. 439 adjustable primary condenser, which is arranged in ten sections, so that the proper capacity may be used for the various aerial capacities with which the coil may be used.

These coils are designed for use in connection with dry, wet or storage batteries. We do not guarantee the coils if operated in connection with electrolytic interrupters of any description.

All coils are enclosed in polished quartered oak cases.

Trade No.	Mfrs. No.	Length of Spark, In.	No. of Dry Cells Required	Price Each
078062	459	$\frac{1}{4}$	5	\$5.75
078063	460	$\frac{3}{8}$	5	6.75
078064	461	$\frac{3}{4}$	5	8.00
078065	462	1	6	9.00
078066	463	$1\frac{1}{2}$	6	14.00
078067	464	2	8	20.00
078068	495	3	8	35.00
078069	496	4	10	58.00

Prices on larger coils furnished upon application.

AERIAL INSULATORS

These insulators will stand considerable tension, are unaffected by ordinary degrees of heat and cold, moisture, and acids, and have the highest insulating properties. No. 498 is the most generally used for small stations.

Trade No.	Mfrs. No.		Price Each
078070	449	5-inch molded insulator	\$0.50
078071	498	Molded ball insulator	.42
078072	497	$10\frac{1}{2}$ -inch molded insulator	.83

Special prices for quantity orders.

PREMO STRANDED AERIAL WIRE

This is a hard wire, resembling hard drawn copper, but of high tensile strength and conductivity. About the same strength as phosphor-bronze. Recommended for all types of aeriels.

Trade No.		Price per Foot
078073	7 strands, each No. 20 B. & S.	\$0.02 $\frac{1}{2}$

ALUMINUM AERIAL WIRE

Trade No.	No. of Wire	Approx. Feet to the Pound	Price per Pound
078074	14	250	\$1.00
078075	12	175	1.00

WIRELESS TELEGRAPH APPARATUS

RECEIVING OUTFITS

Type B

This set consists of the following:

One No. 454 detector; one No. 455 tuning coil; one No. 468 75-ohm wireless receiver and 3-foot cord; one cell Blue Seal Dry Battery.

The detector and tuning coil are mounted in a portable polished oak case. Will receive from standard commercial stations up to 100 miles, if proper height of aerial wire is used.

Trade No.	Mfrs. No.	Price Each
078076	458	\$13.00

Type A

Type A set consists of the same instruments as Type B but they are not mounted in a case. Operates over same distance as the Type B set, and parts can be connected in any way the user may desire.

078077	482	8.80
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Type C

Type C outfit consists of the following:

One No. 456 double contact tuning coil; one one No. 454 detector; one No. 478 double headband complete; one No. 474 fixed condenser; one Blue Seal Dry Cell.

Will receive from high power stations 200 or more miles distant, if connected in accordance with the instructions given in this book, and if used in connection with an aerial at least 60 feet long and 60 feet above the earth, consisting of at least four parallel wires.

078078	493	20.50
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ADJUSTABLE PRIMARY CONDENSERS

This condenser was designed for use with Nos. 495 and 496 spark coils. The capacity surface consists of 1500 square inches of foil, separated by the best quality of paper arranged in ten sections, five of 100 square inches and five of 200 square inches each. Adjustment accomplished by means of plugs with hard rubber composition heads.

The condenser may also be used for receiving purposes and the arrangement in sections will prove invaluable in tuning. About the laboratory this condenser is a very useful instrument.

Finished in polished quartered oak and lacquered brass.

078079	439	8.00
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FIXED RECEIVING CONDENSERS

No. 474

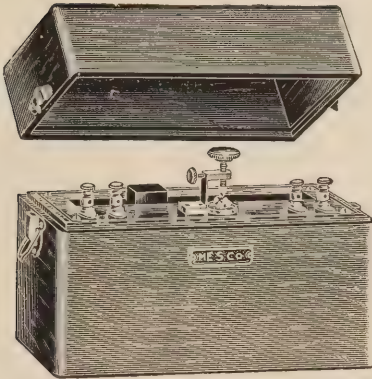
Arranged in three sections which are not connected in any way within the case. The leads of each section are brought out to a pair of binding posts mounted on the cover of the case. Five separate capacities are therefore available which is an advantage where close tuning is required. Each condenser section has a surface of 204 square inches of foil. The case is of polished oak, and the binding posts are lacquered brass.

078080	474	2.10
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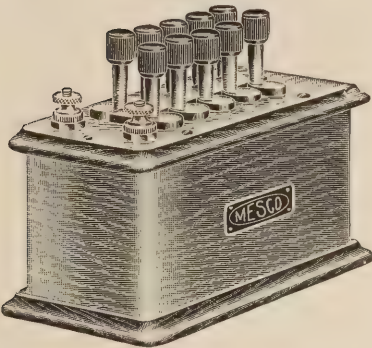
No. 440

Consists of a single section mounted in a polished brass case, $2\frac{1}{2}$ inches in diameter. Has sufficient capacity for any station and is highly efficient. The base is removable so that it can be screwed to tables or cases of portable outfits.

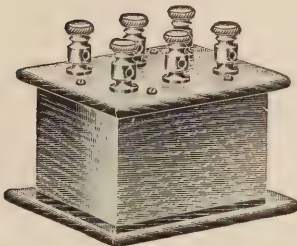
078081	440	1.25
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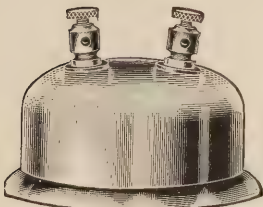
No. 458



No. 439



No. 474

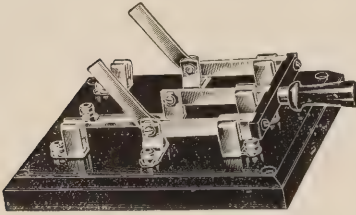


No. 440

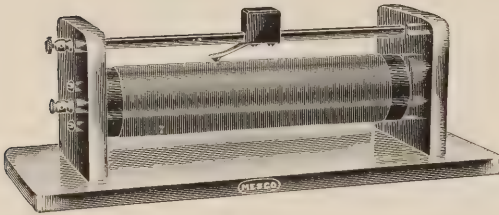
WIRELESS TELEGRAPH APPARATUS



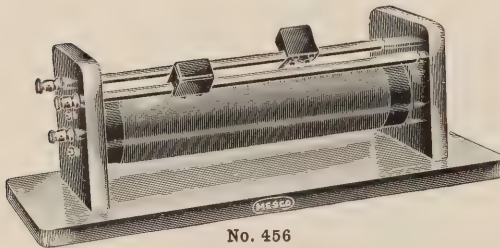
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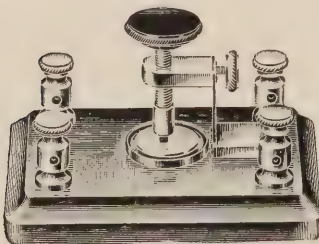
No. 416



No. 455



No. 456



No. 454

POTENTIOMETERS

Regulates current gradually. Total resistance about 300 ohms. A special form of contact prevents wearing away of resistance rod, but always maintains perfect connection with rod. Used for varying current and voltage. Slider rod is of hard rubber. Finish, lacquered brass and polished oak.

Trade No.	Mfrs. No.	Price Each
078082	475	\$3.00

ANTENNA SWITCHES

The antenna or aerial is used to disconnect the transmitting apparatus while receiving. This switch has two high tension and three low tension clips, and is so arranged that either a straight way or loop aerial may be used, and several low tension circuits may be made or broken. It is suitable for all stations from the smallest up to 2 K. W. capacity. The throw of this switch is only about 60 degrees, so that quick change from transmitting to receiving, or vice versa, may readily be made. The base is of heavy hardwood, size $6\frac{3}{4} \times 8 \times 7\frac{7}{8}$ inches.

078083	416	3.75
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RECEIVING TUNING COILS

Single Contact

Wound with black enameled wire and properly designed for the use of this wire. The sliding contact is certain in operation and always touches the wire. Wire does not loosen from core. All metal parts are of polished brass. The slider handle is of hard rubber. Save lengths from zero to 1500 meters.

078047	455	5.00
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Double Contact

Designed for use where closer tuning is required than can be obtained with a single contact coil, and will be found to be very selective when used with No. 474 fixed condenser. Brass parts are gold lacquered. Enameled wire used, and coil properly designed for this wire. Adjustable to receive lengths from zero to 1500 meters.

078084	456	6.00
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DETECTORS

This instrument is unusually sensitive and has a wide range of adjustment which permits the use of crystals or metals of any ordinary size.

Furnished with a separable carbon electrode and a specially prepared metallic disk, also a metallic point and a carbon crystal. The metal parts are lacquered, and the adjusting screw has a genuine hard rubber knob.

078085	454	3.00
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WIRELESS TELEGRAPH APPARATUS

TELEPHONE RECEIVERS

Made especially for wireless purposes. With powerful field magnets and thin diaphragms, they are very sensitive. Actual tests have proven their sensitive qualities.

Nos. 481 and 479 double head-sets complete have been used in receiving commercial wireless messages over distances of 1300 and 1000 miles respectively. All receivers are wound with silk covered wire.

Receivers Only .

Trade No.	Mfrs. No.	Ohms. Resis.	Price Each
078086	468	75	\$1.50
078087	469	500	2.75
078088	470	1000	4.60
078089	471	1500	5.80

With Double Head-Band, 6-foot Cord and Two Receivers

078090	478	75	5.00
078091	479	500	7.50
078092	480	1000	10.00
078093	481	1500	11.50

With Single Head-Band, 5-foot Cord, and One Receiver

078094	444	75	3.25
078095	445	500	4.50
078096	446	1000	7.10
078097	447	1500	8.75

Leather Covered Head Bands Only

Trade No.	Mfrs. No.		Price Each
078098	472	Single adjustable	\$2.10
078099	473	Double adjustable	2.50

TRANSMITTING TUNING COIL OR SENDING HELIX

Adapted to coils giving up to 4-inch spark. Every inch of the wire is accessible. Two flexible leads fitted with lacquered spring clips are furnished with each helix. Very close tuning of the transmitting circuits can be secured with this helix.

Finished in polished oak and lacquered brass.

Trade No.	Mfrs. No.	Price Each
078100	484	\$8.50

LEYDEN JARS

These jars are made of the best quality of glass with the result that there is practically no brush discharge. A heavy grade of foil, fastened securely to the glass is used to coat the jars. The jar tops are made of solid oak, well polished. Unexcelled for all high frequency and experimental work.

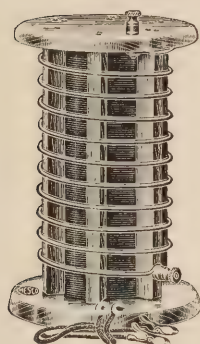
Trade No.	Mfrs. No.	Capacity Pints	Price Each
078101	486	$\frac{1}{2}$	\$1.75
078102	487	1	2.10
078103	488	2	2.50
078104	489	4	3.25



No. 478



No. 444

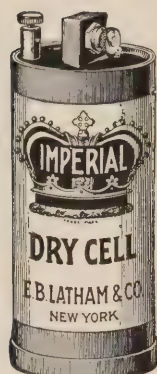


No. 484



No. 486

DRY BATTERIES



No. 086614

IMPERIAL DRY CELLS

This battery is made for all intermittent service, where there is a moderate consumption of current. It is made especially to give long service, and is recommended to give satisfactory results in operating telephones, annunciators, bells, burglar alarms, etc.

Trade No.	Size Inches	Std. Pkg.	Weight Pounds	Price Each
086614	2½x6	125	290	\$0.30



No. 086615

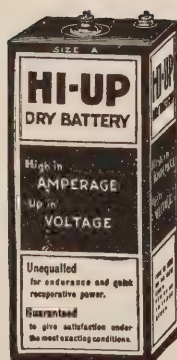
RED SEAL DRY CELLS

Guaranteed to give absolute satisfaction under the most exacting conditions

We recommend Red Seal Batteries for automobile, motor boat, or any system of gas or gasoline engine ignition, for operating telephone transmitters, railway and other signal devices, cautery and electro-medical apparatus, or any work for which a dry cell is qualified.

All sizes can be furnished with square case, when so ordered, without extra charge.

Trade No.	Size Inches	Std. Pkg.	Weight Pounds	Price Each
086615	2½x6¾	125	300	\$0.50
086616	3 x7½	50	205	.80
086617	3¼x8½	50	315	1.00



No. 086618

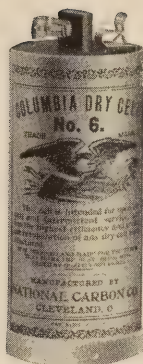
HI-UP DRY CELLS

This battery will register higher in amperage than the standard types of ignition cells, and is intended for work requiring more than ordinary ampere discharge. Satisfactory service is guaranteed for any system of gas or gasoline engine ignition and any work for which the highest grade of dry battery will qualify.

All sizes can be furnished with either round or square case.

Trade No.	Size Inches	Std. Pkg.	Weight Pounds	Price Each
086618	2½x6¾	125	300	\$0.70
086619	3 x7½	50	240	1.00
086620	3¼x8½	50	315	1.20

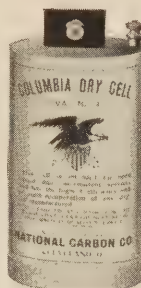
DRY BATTERIES



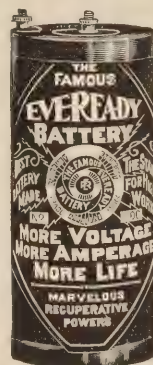
No. 042201



No. 042207



No. 042210



No. 042212

REGULAR

Trade No.	Mfrs. No.	Size Inches	Wt. Lbs. per Cell	Std. Pkg.	Wt. Lbs. Std. Pkg.	Price Each	Code Word
042201	4	1½x4	¾	400	250	\$0.36	Ahpm
042202	5	2 x5	1⅛	250	300	.38	Ahpmt
042203	5½	2½x5½	1⅞	125	275	.50	Ahpna
042204	6	2½x6	2	125	300	.50	Ahpne
042205	7	3 x7	3½	50	225	1.00	Ahpni
042206	8	3½x8	5	50	315	1.20	Ahpno

IGNITOR

042207	6	2½x6	2	125	300	.50	Ahpnu
042208	7	3 x7	3½	50	225	1.20	Ahpob
042209	8	3½x8	5	50	315	1.50	Ahpog

No. 6 is the standard size for bell and telephone work.

Columbia Dry Batteries are the standard for long life, high efficiency, and great recuperative powers. Columbia Ignitor or "Red Top" batteries are for use on gas engines, automobiles, motor boats, etc.

OVAL

Trade No.	Mfrs. No.	Size Inches	Weight per Cell	Wt. Lbs. per 100	Price Each	Code Word
042210	04	1¼x2¼x4	7 oz.	55	\$0.75	Parter

EVEREADY

Trade No.	Mfrs. No.	Type	Current Amps	Volts	Size Inches	Price Each	Code Word
042211	405	I	17-20	1.6	2 x 5	\$0.25	Pasop
042212	406	J	22-25	1.6	2½ x 6	.30	Putop
042213	407	K	27-30	1.6	3 x 7	.60	Paopp
042214	413	L	30-35	1.6	3½ x 8	.80	Pwisip



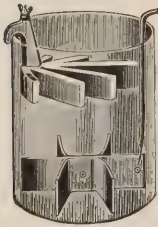
No. 012108



No. 012102



No. 012116



Gravity



No. 012128

BATTERIES

CARBON CYLINDER BATTERIES

Trade No.		Price Each	Code Word
012108	Battery complete.....	\$0.60	Ggah
012109	Carbon cylinder.....	.30	Ggas
012110	Glass jar.....	.20	Ggba
012111	Zinc.....	.10	Ggbi

CARBON POROUS CUP BATTERIES

012102	Cell complete.....	1.10	Ggbu
012103	Carbon cup.....	.56	Ggca
012104	Zinc.....	.10	Ggco
012105	Glass jar.....	.14	Ggde
012106	Large rubber rings for carbon.....	.10	Ggdu
012107	Small rubber rings for zinc.....	.05	Ggeg

No. 1 SAMSON BATTERIES

012112	Battery complete.....	1.50	Ghit
012113	Carbon vase.....	.90	Ghiv
012114	Cylinder zinc only.....	.28	Ghja
012115	Jar only.....	.18	Ghjo
019691	Rubber cover.....	.14	Ghke

No. 2 SAMSON BATTERIES

012116	Battery complete.....	1.60	Ggek
012117	Complete with 16 oz. zinc.....	1.90	Ggem
012118	Carbon vase.....	1.10	Gget
012119	Rubber cover.....	.16	Ggfe
012120	Cylindrical zinc.....	.30	Ggfo
012121	Railroad zinc 16 oz.....	.50	Ggid
012122	Glass jar.....	.20	Ggil

No. 3 SAMSON BATTERIES

012123	Battery complete.....	2.00	Ggim
012124	Carbon vase.....	1.40	Ggko
012125	Cylindrical zinc only.....	.50	Ggla
012126	Jar only.....	.40	Ggma
012127	Rubber cover.....	.20	Ggme

GRAVITY BATTERIES

5 x 7 Inches

012133	Cell complete, less blue vitriol.....	1.00	Ggne
012134	Glass jar.....	.40	Ggni
012135	Zinc.....	.50	Ggno
012136	Copper.....	.17	Ggnu

6 x 8 Inches

012137	Cell complete, less blue vitriol.....	1.20	Ggof
012138	Glass jar.....	.50	Ggog
012139	Zinc.....	.70	Ggok
012140	Copper.....	.17	Ggon

NATIONAL FULLER BATTERIES

012128	Cell complete, less acid.....	1.35	Ggov
012129	Jar 6x8 inches.....	.50	Ggru
012130	Carbon.....	.18	Ggsu
012131	Porous cup.....	.30	Ggbu
012132	Zinc.....	.10	Gguc

GORDON BATTERIES

013482	No. 1, complete with charge.....	3.00	Gguh
013488	No. 3, complete with charge.....	3.25	Ggup

Renewals for Nos. 1 and 3

013483	Recharge complete, including zinc, copper, electro sodium and oil.....	1.75	Ggur
013484	Zinc.....	.45	Ggvo
013485	Copper.....	1.00	Ggvu
013486	Sodium and oil.....	.30	Ggyb

BATTERY ZINCS



No. 021231



No. 021232



No. 021234



No. 021235



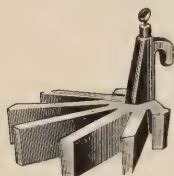
No. 021236



No. 021237



No. 021238



No. 021242



No. 021245

Trade No.	Std. No.
021231	21
021232	22
021233	23

Thumb nut connection
National
Thumb screw connection

CYLINDER

Price Each	Code Word
\$0.20	Gpyt
.22	Gpyx
.22	Gqua

021234	13B
021235	14B
021236	15B

Above zincs are $\frac{3}{8} \times 6\frac{1}{2}$ inches.

PENCIL

.10	Gque
.10	Gquo
.10	Grab

FULLER

021237	11	.34	Grad
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Weight 1 pound, $3\frac{1}{2}$ ounces.

DANIELL

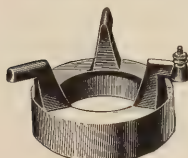
Round Shoulder

Trade No.	Std. No.		Size of Jar Inches	Wgt. Lbs.	Price Each	Code Word
021238	12A	Wing nut connection	6x8	2	\$0.36	Grag
021239	12C	Wire connection	6x8	2	.36	Gral

Square Shoulder

Nos. 021246 and 021248

021240	12B	Wing nut connection	6x8	2	.36	Grar
021241	12D	Wire connection	6x8	2	.36	Gref



Nos. 021249 and 021251

CROWFOOT

021242	1	6x8	3	.80	Grev
021243	2	6x8	$2\frac{3}{4}$	.70	Grgt
021244	3	6x8	$3\frac{1}{2}$	1.00	Gria
021245	4	5x7	$1\frac{3}{4}$	.50	Grio

ROUND

021246	5	Wire connection	6x8	4	1.10	Grma
021247	6	Thumb screw connection	6x8	4	1.00	Grmu
021248	7	Thumb screw connection	6x8	3	1.00	Grog
021249	8	Wire connection	6x8	3	1.00	Grok
021250	66	Thumb nut connection	6x8	4	1.00	Grom
021251	77	Thumb nut connection	6x8	3	1.00	Grot



No. 021253

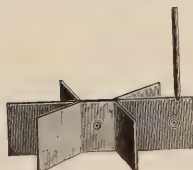
STAR

021252	10	Wing nut connection	6x8	$3\frac{1}{4}$	1.00	Grqu
021253	10	Wire connection	6x8	$3\frac{1}{4}$	1.00	Grue

COPPERS

021254	16	2x6 inches	6x8	.17	Gruf
021255	$16\frac{1}{2}$	2x5 inches	5x7	.17	Gruh

Made up of brush copper, No. 32 B. & S. gauge, 13 inches of No. 14 rubber covered wire for connections.



No. 021254

EDISON-BSCO PRIMARY BATTERIES

Edison-Bsco
Complete CellEdison-Bsco
Complete Renewal

SELECTION OF CELLS

These cells have been developed in recent years to such a high state of perfection and the cost of primary battery power has been so reduced thereby, that they are now used and are adaptable for many purposes which heretofore were considered beyond the realm of primary cells.

Edison and Edison-Bsco Cells are equally suitable for open circuit (intermittent discharge) or closed circuit (continuous discharge).

It is important that the proper number of cells be used to furnish the necessary working voltage and that the type selected be large enough to deliver the current required. In cases where the flow of current will be comparatively high (3 to 5 amperes) or where the circuit will be closed continuously at other than very low current rates, cells of high capacity should be selected, as the larger types have low internal resistance and long life, thus giving best results at lowest maintenance cost.

The open circuit, or initial, voltage of all cells is .95 volt per cell; but in all batteries the initial voltage is higher than the effective or working voltage on continuous closed circuit. The high initial voltage is effective for work only when cells are discharged at an extremely low current rate, and in some cases, such as with ordinary dry cells, even at low rates of discharge it is available only for intermittent contacts of short duration.

The closed circuit voltage depends upon the frequency and duration of contacts, internal resistance of cell and rate of discharge, the voltage dropping proportionately as the rate of current flow is increased. For example, in the 400 ampere-hour types the mean voltage on closed circuit, with current flowing at the rate of one-half ampere, is .65 volt per cell; at one ampere .6 volt per cell; two amperes .55 volt per cell; three amperes .5 volt per cell; and so on. Corresponding results will be obtained from the smaller types. For intermittent short contacts, or where cells are kept on closed circuit at low discharge with occasional short periods at high rates, the mean effective voltage will be higher than on continuous discharge at high rates.

TO SET UP EDISON-BSCO CELLS

Remove all packing material from jars and from space between plates. Clean jars thoroughly and fill to within $1\frac{3}{4}$ inches of top with pure water, rain water preferred. Add gradually one can of soda, stirring constantly with piece of wood until soda is thoroughly dissolved. Put in about one third of a can at a time and be sure that no soda solidifies in bottom of jar. Allow solution to cool which will take several hours; then insert elements, moving cover a little to one side and pour on contents of one bottle oil. Never put oil on top of solution before elements are inserted. Connect up cells, which should then be given a slight reduction.

This simplified construction reduces to a minimum the work of setting up and renewing. It requires the tightening of only one nut to fasten the plates in place, and only one connection per cell to connect a number of cells in series, as the connecting wire is permanently fastened to the zincs. No parts that have been in the solution are used in renewing; therefore, no handling, scraping or cleaning of such parts is required.

Renewals for all 400 ampere-hour Edison-Bsco types are the same.

Renewals for all 300 ampere-hour Edison-Bsco types are the same.

Renewals for all 200 ampere-hour Edison-Bsco types are the same.

Clamping or binding post nuts are not supplied with Edison-Bsco renewals.

Edison-Bsco Zincs and Oxides are not furnished separately; these plates are only supplied assembled in frame with suspension bolt attached.

EDISON-BSO PRIMARY BATTERIES

TYPE 401 (FORMERLY KNOWN AS TYPE 1)

Adapted for railway signals, crossing bells, battery motors, telephone train dispatchers' talking circuits, etc.



Type 401

Trade No.	Size Over All, Inches	Capacity, 400 Ampere-Hours	Price
			Each Complete
075902	6 $\frac{3}{4}$ x12 $\frac{3}{4}$	With porcelain jar.....	\$4.00
075903	6 $\frac{3}{4}$ x12 $\frac{3}{4}$	With heat-resisting glass jar.....	4.20

RENEWALS—TYPE 400

Trade No.	Description	Price Each
075904	Complete renewal	\$2.00
075905	Zinc-oxide, assembled	1.90
075906	One can caustic soda.....	.24
075907	One bottle special battery oil .....	.06

RSA SIGNAL CELLS

This cell is made to conform to railway signal association specifications for copper-oxide, zinc, and soda primary battery, known as "RSA Signal Cell." It is the same, in every respect, as Type 401, except that it is furnished with special binding post nuts and washers, and a cover having special lettering, as provided in the specifications.



Type 402

Trade No.	Size Over All, Inches	Capacity, 400 Ampere-Hours	Price
			Each Complete
075908	With porcelain jar.....	\$4.00
075909	With heat-resisting glass jar	4.20

For renewals, see Type 400.

TYPE 402

With Rectangular Heat-Resisting Glass Jar

Type 402 cell is adapted for the same purposes as Types 401 and RSA. The advantage of the rectangular jar is that a greater number of cells may be housed, in a given space, than is possible with round jars.

Capacity, 400 Ampere-Hours

075910	5 $\frac{3}{8}$ x6 $\frac{3}{8}$ x12 $\frac{3}{4}$	With heat-resisting glass jar.....	4.40
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For renewals, see Type 401.

TYPE 403 (FORMERLY KNOWN AS TYPE 3)

Adapted for railway crossing signals, mine signals, electro-plating, fire alarms, burglar alarms, programme and self-winding clocks, small common battery telephone exchanges, private branch exchanges, intercommunicating telephone systems, telephone interrupters, supervisory lamps, trunk line relays, telephone train dispatchers' talking circuits, etc.



Type 403

Capacity, 400 Ampere-Hours

075911	7 $\frac{1}{2}$ x11	With porcelain jar.....	3.60
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For renewals, see Type 401.

TYPE 404

With Barrel-Shape Heat-Resisting Glass Jar

The cell is much more efficient than Type 403 because of the better location of plates in the solution and in cases where cells will not be exposed to extreme cold, it is fully as good as Type 401 or RSA cells. The jar, owing to its shape, has greater mechanical strength than glass jars, having straight side walls, because of better distribution of glass.

Capacity, 400 Ampere-Hours

075912	7 x11 $\frac{1}{2}$	With heat-resisting glass jar.....	4.00
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For renewals, see Type 401.

LOW TEMPERATURE ELECTROLYTE

Types 401, 402, 403, 404 and RSA cells or renewals can be furnished with special low temperature electrolyte, instead of the standard caustic soda, at an increase of 50 cents in the list price per cell or renewal. This special low temperature solution is intended only for cells used in locations where the temperature is likely to remain at zero (Fahr.) or lower for several days at a time; and then only when it is not possible to protect the cells from the cold by keeping them inside or placing them in frost-proof boxes below the surface of the ground.



Type 404

EDISON-BSCO PRIMARY BATTERIES



Type 305



Type 309



Type 206



Type 207



Type 208

TYPE 305 (FORMERLY KNOWN AS TYPE 5)

Adapted for stationary gas or gasoline engines, burglar alarms, bell systems, programme and self-winding clocks, intercommunicating telephone systems, auxiliary fire alarm circuits, etc.

Trade No.	Size Over All, Inches	Capacity, 300 Ampere-Hours,	Price Each Complete
075913	6 $\frac{3}{4}$ x10 $\frac{1}{4}$	With porcelain jar.....	\$3.20
075914	6 $\frac{3}{4}$ x10 $\frac{1}{4}$	With heat-resisting glass jar.....	3.50

RENEWALS—TYPE 300

Trade No.	Description	Price Each
075915	Complete renewal	\$1.80
075916	Zinc-oxide assembled	1.70
075917	One can caustic soda .....	.20
075918	One bottle special battery oil.....	.06

Porcelain jars will be shipped unless otherwise specified.

TYPE 309

Adapted for battery fan motors, small battery motors, programme and self-winding clocks, burglar alarms, fire alarms, electro-plating, chemical analysis and other school work, bell systems, etc. Also for various telephone purposes. Will give slightly greater effective capacity than Type 305 because of the better location of plates in the electrolyte.

Trade No.	Size Over All, Inches	Capacity, 300 Ampere-Hours	Price Each Complete
075919	5 $\frac{3}{4}$ x12 $\frac{3}{4}$	With porcelain jar.....	\$3.30

For renewals, see Type 305.

Type 305 and 309 cells or renewals can be furnished with special low temperature electrolyte instead of the standard caustic soda, at an increase of 35 cents in the list price per cell or renewal.

TYPE 206 (FORMERLY KNOWN AS TYPE 6)

With Porcelain Jar and Hollow Rubber Gasket Ring

Adapted for motor boats running on salt water. Use five cells for single cylinder make-and-break engines; six cells for multiple cylinders, high speed, make-and-break engines. Use eight cells for jump-spark. Cover is fitted with a hollow rubber gasket to prevent splashing.

Trade No.	Size Over All, Inches	Capacity, 200 Ampere-Hours	Price Each
075920	5 $\frac{3}{4}$ x9	With porcelain jar.....	2.40

RENEWALS—TYPE 200

Trade No.	Description	Price Each
075921	Complete renewal	\$1.50
075922	Zinc-oxide assembled	1.40
075923	One can caustic soda .....	.16
075924	One bottle special battery oil.....	.06

TYPE 207 (FORMERLY KNOWN AS TYPE 7)

With Enameled Steel Jar and Solid Rubber Gasket Ring

Same as Type 206, but for motor boats running on fresh water.

Not recommended for use on salt water because of the corrosive effect of salt air and salt water on the metal jars.

Trade No.	Size Over All, Inches	Capacity, 200 Ampere-Hours	Price Each Complete
075925	5 $\frac{1}{2}$ x8 $\frac{3}{4}$	With steel jar.....	\$3.40

For renewals, see Type 206.

TYPE 208 (FORMERLY KNOWN AS TYPE 8)

Adapted for stationary gas or gasoline engines, small motors, burglar alarms, bell systems, programme and self-winding clocks, annunciators, electric time stamps, mine signals, intercommunicating telephone systems, talking circuits for way-station telephones in railway, train dispatching systems, etc.

Use five cells for stationary engines, having make-and-break ignition. Use eight cells for stationary engines having jump-spark ignition.

Cell has flat cover, without gasket, and is recommended only for stationary work.

Trade No.	Size Over All, Inches	Capacity, 200 Ampere-Hours	Price Each Complete
075926	6x9	With porcelain jar	2.20

For renewals, see Type 206.

EDISON-BSCO PRIMARY BATTERIES

SUMMARY OF PRICES

TYPE	401 Porcelain	401 Glass	402 Glass	403 Porcelain	404 Glass	RSA Porcelain	RSA Glass
Capacity, ampere-hours	400	400	400	400	400	400	400
Complete cell.....	\$4.00	\$4.20	\$4.40	\$3.60	\$4.00	\$4.00	\$4.20
Complete renewal.....	2.00	2.00	2.00	2.00	2.00	2.00	2.00

Renewal Parts

Zinc-oxide assembled.....	1.90	1.90	1.90	1.90	1.90	1.90	1.90
One can caustic soda.....	.24	.24	.24	.24	.24	.24	.24
One bottle special battery oil.....	.06	.06	.06	.06	.06	.06	.06

Permanent Parts

Porcelain jar, round	1.50	....	....	1.00	....	1.50	....
Heat-resisting glass jar, round .....	....	1.60	....	....	....	....	1.60
Heat-resisting glass jar, rectangular .....	....	....	1.80	....	....	....	....
Heat-resisting glass jar, barrel shape.....	....	....	....	....	1.50	....	....
Enameled steel jar, round.....	....	....	....	....	....	....	....
Porcelain cover.....	.45	.45	.45	.50	.45	.45	.45
One set nuts and washers for binding post, per cell .....	.25	.25	.25	.25	.25	.25	.25
Rubber gasket ring.....	....	....	....	....	....	....	....

SUMMARY OF PRICES

TYPE	305 Porcelain	305 Glass	309 Porcelain	206 Porcelain	207 Steel	208 Porcelain	....
Capacity, ampere-hours.....	300	300	300	200	200	200	....
Complete cell.....	\$3.20	\$3.50	\$3.30	\$2.40	\$3.40	\$2.20	....
Complete renewals	1.80	1.80	1.80	1.50	1.50	1.50	....

Renewal Parts

Zinc-oxide, assembled.....	1.70	1.70	1.70	1.40	1.40	1.40	....
One can caustic soda.....	.20	.20	.20	.16	.16	.16	....
One bottle special battery oil.....	.06	.06	.06	.06	.06	.06	....

Permanent Parts

Porcelain jar, round.....	.90	....	1.20	.60	....	.60	....
Heat-resisting glass jar, round.....	....	1.20	....	....	....	....	....
Heat-resisting glass jar, rectangular .....	....	....	....	....	....	....	....
Heat-resisting glass jar, barrel shape.....	....	....	....	....	....	....	....
Enameled steel jar, round.....	....	....	....	....	1.40	....	....
Porcelain cover.....	.45	.45	.30	.40	.40	.35	....
One set nuts and washers for binding post, per set.....	.25	.25	.25	.25	.25	.25	....
Rubber gasket ring.....	....	....	....	.25	.25	....	....

Large wing nuts, each, \$0.10.

Brass washers, each, \$0.05.

Hexagon jamb nuts, each, \$0.05.

Double connectors with thumb screws, each, \$0.10.

In ordering rubber gasket rings, be careful to state exactly the type of cell for which they are required.

EDISON PRIMARY BATTERIES

TYPE BB

Adapted for slot machines, small stationary engines, bell circuits, annunciators, intercommunicating telephones, and other low current work.

Trade No.	Size Over All, Inches	Capacity, 100 Ampere-Hours	Price Each Complete
021386	5x9	With porcelain jar.....	\$2.00



Type BB

RENEWALS—TYPE BB

Trade No.	Description	Price Each
021387	Complete renewal.....	\$0.90
021388	One copper-oxide plate.....	.40
021389	One double zinc plate.....	.40
021390	One can caustic soda.....	.14
021391	One bottle special battery oil.....	.05

TYPE Z

Adapted for small launces running on fresh water, portable engines, and other light portable uses.

Trade No.	Size Over All, Inches	Capacity, 100 Ampere-Hours	Price Each Complete
021392	4½x7½	With enameled steel jar.....	\$2.80



Type Z

For renewals, see Type BB.

TYPE V

Adapted for motor boats running on fresh water, portable engines, and other light portable work.

Trade No.	Size Over All, Inches	Capacity, 150 Ampere-Hours	Price Each Complete
021393	6x8½	With enameled steel jar.....	3.40



Type V

RENEWALS—TYPE V

Trade No.	Description	Price Each Complete
021394	Complete renewal.....	\$1.10
021395	One copper-oxide plate.....	.50
021396	One double zinc plate.....	.50
021397	One can caustic soda.....	.16
021398	One bottle special battery oil.....	.06

TYPE VP

Same as Type V but with porcelain jar. Adapted for motor boats running on salt water.

Trade No.	Size Over All, Inches	Capacity, 150 Ampere-Hours	Price Each Complete
021399	6x8½	With porcelain jar.....	\$2.40

For renewals, see Type V.

TYPE Q

Adapted for stationary gas and gasoline engines, small motors, burglar alarms, bell systems, mine signals, intercommunicating telephone systems, etc.

Trade No.	Size Over All, Inches	Capacity, 150 Ampere-Hours	Price Each Complete
021400	6x9	With porcelain jar.....	2.20



Type Q

RENEWALS—TYPE Q

Trade No.	Description	Price Each Complete
021401	Complete renewal.....	\$1.00
021402	One copper-oxide plate.....	.50
021403	Two zinc plates (each \$0.20).....	.40
021404	One can caustic soda.....	.16
021405	One bottle special battery oil.....	.06

NOTE.—Edison-Bsco Types 207, 206 and 208 respectively are recommended in preference to Types V, VP, or Q, because of higher efficiency, greater capacity, lower maintenance cost and better construction.

Type V cells, when exhausted, may be converted into Edison-Bsco Type 207 by securing Type 200 renewals with Type 207 covers and nuts, and discarding the old Type V covers and frames with exhausted elements.

Type VP cells may be converted into Edison-Bsco Type 206 by securing Type 200 renewals with Type 206 covers and nuts.

Type Q cells may be converted into Edison-Bsco Type 208 cells by securing Type 200 renewals with Type 208 covers and nuts.

EDISON PRIMARY BATTERIES

TYPE RR

Adapted for stationary gas engines, railroad crossing signals, mine signals, electro-plating, fire alarms, burglar alarms, small common battery and private branch telephone exchanges, intercommunicating telephone systems, telephone interrupters, supervisory lamps, trunk line relays, etc. Not designed for portable or marine work.



Type RR

Trade No.	Size Over All, Inches	Capacity, 300 Ampere-Hours	Price Each Complete
075927	7½x10¾	With porcelain jar.....	\$3.30

RENEWALS—TYPE RR

Trade No.	Description	Price Each
075928	Complete renewal	\$1.70
075929	One copper-oxide plate .....	.85
075930	Two zinc plates (each \$0.35).....	.70
075931	One can caustic soda.....	.24
075932	One bottle special battery oil.....	.06

NOTE—Edison-Bsco Types 403 and 405 are recommended in preference to Type RR because of higher efficiency, greater capacity, lower maintenance, cost and better construction.

Type RR cells may be converted in Edison-Bsco Type 403 Cells by securing Type 400 renewals with Type 403 covers and nuts.

TYPE AA

Adapted for large motor boats, running on fresh water. Cover is grooved and fitted with rubber gasket ring to prevent splashing of solution.



Type AA

Trade No.	Size Over All, Inches	Capacity, 300 Ampere-Hours	Price Each Complete
075933	7¼x10	With enameled steel jar	\$4.80

RENEWALS—TYPE AA

Trade No.	Description	Price Each
075934	Complete renewal	\$1.80
075935	One copper-oxide plate .....	.85
075936	One double zinc plate.....	.80
075937	One can caustic soda .....	.24
075938	One bottle special battery oil .....	.06

TYPE AA-P

Adapted for large motor boats running on salt water. Cell has grooved cover, fitted with rubber gasket ring, to prevent splashing of solution. Type AA-P is the same as Type AA, except that it is equipped with a porcelain instead of an enameled steel jar.

Trade No.	Size Over All, Inches	Capacity, 300 Ampere-Hours	Price Each Complete
075939	7¼x10	With porcelain jar	\$3.70
For renewals, see Type AA.			

TYPE S

Adapted for fan motors, electro-plating, chemical analysis, etc.



Type S

Trade No.	Size Over All, Inches	Capacity, 300 Ampere-Hours	Price Each Complete
075940	5¾x12¾	With porcelain jar	\$3.90

RENEWALS—TYPE S

Trade No.	Description	Price Each
075941	Complete renewal	\$1.86
075942	Two copper-oxide plates (each \$0.50).....	1.00
075943	Two zinc plates (each \$0.40) .....	.80
075944	One can caustic soda .....	.20
075945	One bottle special battery oil.....	.06

NOTE—Edison-Bsco Type 309 is recommended in preference to Type S. Type S cells may be converted into Edison-Bsco Type 309 Cells by securing Type 300 renewals with Type 309 covers and nuts.

EDISON PRIMARY BATTERIES

RENEWAL PARTS FOR EDISON CELLS



Renewal Parts for an SS Cell

The active materials of all types of Edison (and Edison-Bsco) Primary Cells are so proportioned that all become exhausted at the same time; therefore, when a cell is exhausted, the entire charge, consisting of copper-oxide plate (or plates), zincs, solution, and oil should be renewed.

In setting up or renewing Edison or Edison-Bsco Cells, the special direction sheets, accompanying shipments, should be followed carefully.

SUMMARY OF PRICES

TYPE	BB Porcelain	Z Steel	Q Porcelain	V Steel	VP Porcelain	RR Porcelain
Capacity, ampere-hours	100	100	150	150	150	300
Complete cell	\$2.00	\$2.80	\$2.20	\$3.40	\$2.40	\$3.30
Complete renewal .....	.90	.90	1.00	1.10	1.10	1.70

Renewal Parts

1 charge copper-oxide plate or plates .....	.40	.40	.50	.50	.50	.85
1 charge zinc plate or plates .....	.40	.40	.40	.50	.50	.70
1 charge caustic soda .....	.14	.14	.16	.16	.16	.24
1 charge special battery oil .....	.05	.05	.06	.06	.06	.06

Permanent Parts

Porcelain jar .....	.50	...	.60	...	.60	1.00
Enameled steel jar .....	...	1.10	...	1.40	...	...
Porcelain cover .....	.25	.25	.30	.30	.30	.50
Copper frame complete with nuts and insulators .....	.45	.45	.45	.45	.45	.45
Copper frame sides (2 per cell) .....	.20	.20	.20	.20	.20	.20
Copper frame bolts with nuts (each \$0.10) .....	.10	.10	.10	.10	.10	.10
Hard rubber insulators (each \$0.05) .....	.10	.10	.10	.10	.10	.10
Long brass bolt and nuts for zincs .....	...	...	.15	...	...	.15
Rubber gasket ring .....	...	.25	...	.25	.25	...
Brass air vent and nut .....	...	.10	...	.10	.10	...

SUMMARY OF PRICES

TYPE	AA Steel	AA-P Porcelain	S Porcelain	SS Porcelain	W Porcelain	
Capacity, ampere-hours	300	300	300	350	600	...
Complete cell	\$4.80	\$3.70	\$3.90	\$4.20	\$7.00	...
Complete renewal	1.80	1.80	1.86	1.90	3.00	...

Renewal Parts

1 charge copper-oxide plate or plates .....	.85	.85	1.00	1.00	1.70	...
1 charge zinc plate or plates .....	.80	.80	.80	.80	1.00	...
1 charge caustic soda .....	.24	.24	.20	.24	.40	...
1 charge special battery oil .....	.06	.06	.06	.06	.08	...

Permanent Parts

Porcelain jar .....	...	1.00	1.20	1.50	3.50	...
Enameled steel jar	2.00	...	...	...	...	...
Porcelain cover .....	.50	.50	.30	.45	.30	...
Copper frames complete with nuts and insulators .....	.45	.45	.60	.60	.70	...
Copper frame sides (2 per cell) .....	.20	.20	.30	.30	.40	...
Copper frame bolts with nuts (each \$0.10) .....	.10	.10	.20	.20	.20	...
Hard rubber insulators (each \$0.05) .....	.10	.10	.10	.10	.10	...
Long brass bolt and nuts for zincs .....	...	...	.15	.15	.15	...
Rubber gasket ring .....	.25	.25	...	...	...	...
Brass air vent and nut .....	.10	.10	...	...	...	...

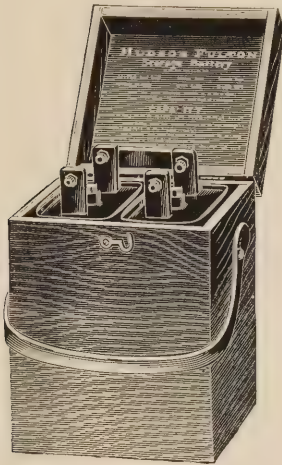
Wire connections, each \$0.05.

Leather washers, each \$0.01.

Nuts, all sizes, each \$0.05, except large Bsco wing nuts.

In ordering rubber gasket rings, be careful to state exactly the type of cell for which they are required.

STORAGE BATTERIES



Hudson-Fulton

HUDSON-FULTON TYPE

Separate Cells, Polished Oak Case, Hinged Cover

Trade No.	Mfrs. No.	No. Cells to set	Volts	Cap. Amp. Hrs.	Charging Rate	DIMEN., IN.			Wt. Lbs.	Price Complete
						Lgth.	Width	Ht.		
086775	252	2	4	20	2	6 1/2	6 1/2	10 1/4	20	\$5.00
086776	253	3	6	20	2	9 1/4	6 1/2	10 1/4	30	7.50
086777	254	4	8	20	2	12	6 1/2	10 1/4	37	10.00
086778	262	2	4	40	4	6 1/2	6 1/2	10 1/4	24	7.00
086779	263	3	6	40	4	9 1/4	6 1/2	10 1/4	34	10.50
086780	264	4	8	40	4	12	6 1/2	10 1/4	45	14.00

Single Cells, without Box

086781	251	1	2	20	2	5 1/4	3 1/4	9	9	2.25
086782	261	1	2	40	4	5 1/4	3 1/4	9	10 1/2	3.25

HUDSON-FULTON JUNIOR TYPE

(Separate Cells, Wooden Box)

086783	232	2	4	10	1	4 3/4	4 3/4	6 1/2	8	3.50
086784	233	3	6	10	1	6 3/4	4 3/4	6 1/2	12	5.00

Single Cells, without Box

086785	231	1	2	10	1	4	2	5 1/2	3 1/2	1.50
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Separate binding posts on each cell. Furnished with carrying handle.

Batteries are delivered fully charged, unless otherwise ordered.



Hudson-Fulton Junior

RELIABLE TYPE

Separate Hard Rubber Jars, Polished Oak Case

014558	452	2	4	20	2 1/2	3 3/4	5 1/4	9	13	12.00
014559	453	3	6	20	2 1/2	5 1/2	5 3/8	9	19	17.00
014560	454	4	8	20	2 1/2	7 3/4	5 3/8	9	25 1/2	22.00
014561	456	2	4	40	5	5 1/2	5 3/8	9	20 1/2	15.00
014562	457	3	6	40	5	7 1/4	5 3/8	9	30	21.00
014563	458	4	8	40	5	10 3/4	5 3/8	9	39 1/2	28.00
014564	460	2	4	60	7 1/2	7 3/4	5 3/8	9	28	19.00
014565	461	3	6	60	7 1/2	10 3/4	5 3/8	9	41	27.00
014566	462	4	8	60	7 1/2	14	5 3/8	9	54	35.00
014567	464	2	4	80	10	9	5 3/8	9	34	22.50
014568	465	3	6	80	10	14	5 3/8	9	50	32.50
014569	466	4	8	80	10	17 1/2	5 3/8	9	66	42.00

The cells are connected together with lead straps, with burned joints, and are effectually sealed in case. Removable rubber handle with brass turn buttons.

Separate Hard Rubber Jars, Japanned Steel Case

014578	352	2	4	20	2 1/2	3 1/8	4 3/4	8 1/2	12 1/2	10.00
014579	353	3	6	20	2 1/2	4 3/8	4 3/4	8 1/2	18 1/2	15.00
014580	354	4	8	20	2 1/2	6	4 3/4	8 1/2	24 1/2	20.00
014581	356	2	4	40	5	5 1/4	4 3/4	8 1/2	19 1/2	13.00
014582	357	3	6	40	5	7 1/2	4 3/4	8 1/2	28	19.00
014583	358	4	8	40	5	10	4 3/4	8 1/2	38	25.00
014584	360	2	4	60	7 1/2	7	4 3/4	8 1/2	26	16.00
014585	361	3	6	60	7 1/2	10 1/4	4 3/4	8 1/2	40	24.00
014586	362	4	8	60	7 1/2	13 1/2	4 3/4	8 1/2	52	32.00
014587	364	2	4	80	10	8 3/4	4 3/4	8 1/2	34	20.00
014588	365	3	6	80	10	12 3/4	4 3/4	8 1/2	50	29.00
014589	366	4	8	80	10	17	4 3/4	8 1/2	66	38.00

The above type cells are in steel cases, finished in black japan. The cells are connected together with brass straps and binding posts.

Reliable
With Oak Case

PATTERSON WALL CABINET BATTERY SETS

PATENTED U. S. AND FOREIGN COUNTRIES

MULTIPLE-SERVICE

Introductory

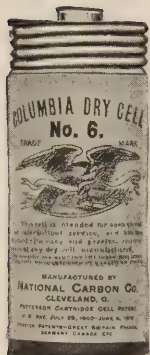
Every architect and engineer has been dissatisfied with the old type of battery set available for building work; yet, until the development of the Patterson Battery Set, very little improvement was made on the crude, unsatisfactory battery set in general use.

Lengthy description of the Patterson Battery Set is unnecessary, for a glance at the illustrations on the following pages will tell the story as well as ten pages of description.

The fundamental principle is the suspension of the screw-threaded top cartridge dry cell, as shown in illustration, from a hard rubber plate on which are provided plate screw cup fittings to receive the cells.

Circuit wires need never be disturbed, for once connected to battery set, they never have to be touched.

Renewing a set of batteries is as easy as putting in a half dozen incandescent lamps; and though done quickly, it cannot be done wrong by the most inexperienced person. Individual cells may be tested with ammeter without removing cells from holder.



Columbia Cartridge Cell

Multiple-Service Patterson Battery Sets will give from three to twelve times the service obtainable from the old style battery set for two reasons, as follows:

All contacts are positively made in the hard rubber base of the holder without any loss of power in the connections between the cells, as was always the case with wires and binding posts.

Each row of cells connects by an automatic switching device to the side bus-bars of the cabinet. From the terminals at the end of the bus-bars, such an increased capacity in amperage is available, that the power and life of the battery set is increased manyfold.

Patterson Battery Sets, wall cabinet pattern, are made in two general types, all with multiple circuit connections:

- (a) Surface cabinets—quartered oak, mission oak, whitewood and steel.
- (b) Flush cabinets—polished quartered oak and steel.

For new building construction, the flush type cabinets (either steel or oak) are far superior to the surface type and should be specified wherever possible.

For finished buildings, where it is not convenient to cut in a flush cabinet, the corresponding surface type cabinet should be used.

We recommend for general building construction, where the work the battery has to do is fairly heavy, Model BMC-36. This model has an ampere capacity of from 60 to 75 amperes with a voltage of 9. In buildings where old style battery sets require continual attention, a Model BMC-36 will completely do away with frequent attention to the battery which, under average conditions, will not need looking after more often than once in two years.

For smaller buildings, Models BMC-24, 25 or 26 will often be found absolutely satisfactory, although it should be remembered that a battery set of high ampere capacity will give very much greater satisfaction than the lower ampere capacity.

As an example of the positive advantage of the higher amperage sets, it should be noted that a Model BMC-36 will give *six* times the service of the ordinary battery set; a Model BMC-26 will give three times the service. Increasing the amperage still higher, the advantages are very positive in installations where the battery set is called on to do heavy work. For instance, a BMC-86 will give *twelve* times the service of the ordinary battery set.

All multiple-service battery sets have individual circuit fuses—automatically protecting battery set, in case of accidental short-circuit, without disturbing operation of apparatus other than on the circuit in trouble.

Note—As a basis of figuring capacity of set required in general practice, select a set with capacity of from 15 to 25 times maximum amperes required to operate.

We will furnish all types of battery sets shown on the following pages, with connections arranged all series in place of multiple, at same price. Series sets should be designated as BSC in place of BMC for multiple sets.

PATTERSON BATTERY HOLDERS

The Patterson Battery Set appeals to every intelligent, up-to-date electrical contractor as the logical, common-sense method of installing a battery for every kind of service that a battery is called upon to do.

No argument is necessary to convince that threading the top of the zinc cup and providing a simple serviceable receptacle to receive the cartridge cell thus formed, so that automatically all connections are made, is right.

Automatic bridging device in each receptacle makes it possible to unscrew a cell anywhere without opening the circuit for a second; and by this same automatic bridging device, a weak cell can be located easily and quickly by just closing the circuit and unscrewing first one cell and then another.

Strip Type Battery Holders are made in two models:

Model A, solid hard rubber.

Model B, skeleton hard rubber base.

Model B holders are made solid in 2 and 3-cell sizes.

Sectional-unit types above the 3-cell.

The sectional-unit strip holder appeals to everybody as most ingenious and satisfactory for general electrical contracting work, for, as will be readily noted, the contractor needs to carry only three pieces.

(a) Carbon terminal end section.

(b) Zinc terminal end section.

(c) Middle section.

With a stock of these on hand, any size battery strip may be made up at a minute's notice. The sections are uniformly priced at 75 cents per section, making the cost of a 4-cell battery holder \$3.00; a 5-cell battery holder \$3.75, etc.

Model B Strip Type Holders will be furnished either "knocked down" or assembled, as desired. Unless specially directed, we ship assembled all ready to put up, but we price them separately so any sections desired separately may be easily ordered

MODEL B STRIP TYPE, SKELETON

Trade No.	Mfrs. No.	No. Cells Capacity		Size Inches	Wt., without Cells	Price Each No Cells
073620	B-2	2 in row	Not sectional	8½x3x2	2 lbs. 2 oz.	\$1.50
073621	B-3	3 in row	Not sectional	11½x3x2	2 lbs. 15 oz.	2.25
073622	B-4	4 in row	Sectional	14½x3x2	3 lbs. 12 oz.	3.00
073623	BS-4	2 rows of 2	Not sectional	8½x6x2	4 lbs. 4 oz.	3.00
073624	B-5	5 in row	Sectional	17½x3x2	4 lbs. 9 oz.	3.75
073625	B-6	6 in row	Sectional	20½x3x2	5 lbs. 6 oz.	4.50
073626	BS-6	2 rows of 3	Not sectional	11½x6x2	5 lbs. 14 oz.	4.50
073627	B-8	8 in row	Sectional	26½x3x2	7 lbs. 3 oz.	6.00
073628	BS-8	2 rows of 4	Sectional	14½x6x2	7 lbs. 14 oz.	6.00

Sectional Parts, with Dowel Pins to Fit into Next Section

073629	BM	Middle section battery holder unit.....	.75
073630	BZ	Zinc terminal end section.....	.75
073631	BC	Carbon terminal end section.....	.75

Above sectional parts are packed separately in individual cartons neatly labeled for shelf stock. When ordering, please specify size mounting irons desired with units.

MODEL A STRIP TYPE, SOLID HARD RUBBER

073632	A-2	2 in row	Solid	8½x3x2	2 lbs. 7 oz.	2.70
073633	A-3	3 in row	Solid	11½x3x2	3 lbs. 7 oz.	4.05
073634	A-4	4 in row	Solid	14½x3x2	4 lbs. 7 oz.	5.40
073635	AS-4	4 in 2 rows of 2	Solid	8½x6x2	4 lbs. 14 oz.	5.40
073636	A-5	5 in row	Solid	17½x3x2	5 lbs. 7 oz.	6.75
073637	A-6	6 in row	Solid	20½x3x2	6 lbs. 6 oz.	8.10
073638	AS-6	6 in 2 rows of 3	Solid	11½x6x2	6 lbs. 14 oz.	8.10

Model A holders are not made sectional.



Model B-4
Skeleton Hard
Rubber Sectional
Strip Type



Model B-4
Sectional-Unit
Type, Showing
Unit Construction

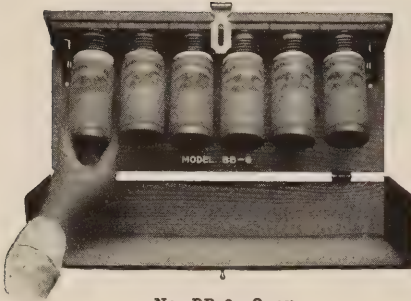


Model A-4
Solid Hard
Rubber
Strip Type

PATTERSON BATTERY SETS

CELLAR OR CLOSET TYPE

Single Series—Model BB



No. BB-6—Open
Showing Holder Raised to Screw in Cells

These sets are recommended for all installations where the work is light, where a minimum of expense must be considered.

Model BB outfits are of single-series type, but they give very efficient service for light work, and the cost is only slightly greater than the cheapest method of installing a set of batteries.

Illustration shows outfit with front down, giving view of Strip Type Holder, top raised to screw in cells. Top of box is hinged so that when a cell is to be screwed into position the top may be lifted up, permitting the cell to be inserted very easily. Illustration also shows line terminal binding posts, mounted on backboard and knife switch blades on strip holder, automatically throwing current on to line when dropped into place.

If a "split-up" of the battery in the cabinet is desired, provision can be made for this if specified in advance. For every split, three inches extra in width is required. For example, for residence work three cells may be required for an interior telephone system; six cells for annunciators, bells, etc., or a total capacity of the battery set of nine cells. When so specified, this or any split-circuit arrangement can be furnished; the price is the same as for the next larger listed plus \$1.50. "Split-circuit" sets should be designated as BB-3 + 6 for above; BB-3 + 4 if a split of 3 and 4 cells should be wanted, etc.

Boxes are regularly made and carried in stock in chestnut with a good coat of shellac for the protection of the wood. Hardware fittings are galvanized and will not rust, even when installed in a damp cellar. Furnished with strong substantial padlock and two keys.

These outfits are designed to be attached to a side wall or partition, but if more convenient the box can easily be fastened to the ceiling.

Model BB battery sets are made to accommodate from two to twelve cells, giving a range from 3 volts, 20-25 amperes up to 18 volts, 20-25 amperes.

Trade No.	Mfrs. No.	No. of Battery Holder	OUTSIDE DIMENSIONS, INCHES			Price without Batteries Each
			Height	Width	Depth	
078767	BB- 2	B- 2	9 $\frac{1}{4}$	10	4 $\frac{1}{2}$	\$3.00
078768	BB- 3	B- 3	9 $\frac{1}{4}$	13	4 $\frac{1}{2}$	3.90
078769	BB- 4	B- 4	9 $\frac{1}{4}$	16	4 $\frac{1}{2}$	4.80
078770	BB- 5	B- 5	9 $\frac{1}{4}$	19	4 $\frac{1}{2}$	5.85
078771	BB- 6	B- 6	9 $\frac{1}{4}$	22	4 $\frac{1}{2}$	6.90
078772	BB- 8	B- 8	9 $\frac{1}{4}$	28	4 $\frac{1}{2}$	8.90
078773	BB-10	B-10	9 $\frac{1}{4}$	34	4 $\frac{1}{2}$	10.90
078774	BB-12	B-12	9 $\frac{1}{4}$	40	4 $\frac{1}{2}$	12.90

No batteries are included in above prices. For Columbia Cells, add 25 cents each. Prices include padlock with two keys.

STRIP TYPE, WITH BACKBOARD

Model BR



Model BR-6

Strip Type Battery Holders are best mounted on a backboard with permanent terminals on the backboard for attaching circuit wires. Illustration shows knife-blade contact arrangement, permitting raising of strip for easy screwing in of cells.

Trade No.	Mfrs. No.	No. of Battery Holder	No. of Cells	Price without Batteries Each	Trade No.	Mfrs. No.	No. of Battery Holder	No. of Cells	Price without Batteries Each
078775	BR-2	B-2	2	\$2.25	078779	BR- 6	B- 6	6	\$5.50
078776	BR-3	B-3	3	3.05	078780	BR- 8	B- 8	8	7.10
078777	BR-4	B-4	4	3.85	078781	BR-10	B-10	10	8.70
078778	BR-5	B-5	5	4.70	078782	BR-12	B-12	12	10.30

PATTERSON BATTERY SETS

FLUSH AND SURFACE WALL CABINET TYPES—OAK AND STEEL
MULTIPLE SERVICE AND SINGLE SERIES

For Intercommunicating Telephone Work



Model BMC-23+24
Telephone Set

These sets are designed especially for intercommunicating telephone work. In the illustration the battery is shown "split" so that at the terminal binding posts on the upper and lower end of bus-bars, there is available for "talking" circuit the voltage of the three left-hand cells ($4\frac{1}{2}$ volts) and the amperage of the two sets of left-hand cells (50 amperes). For the "ringing" circuit, there is available at the two right-hand terminal binding posts the voltage of the four right-hand cells (6 volts) and the amperage of the two sets of four right-hand cells (50 amperes).

Double-row sets will give three times the service, three-row sets, six times the service, of the old style battery set.

When the telephone system is installed, circuit connections to both "talking" and "ringing" terminal bus-bars are made, and when once made, NEVER HAVE TO BE DISTURBED. From that time, the renewal of the battery set can be done by an inexperienced person without tools of any sort, and though done quickly, CANNOT BE DONE WRONG.

Special battery cabinets with any arrangement of circuits desired, any voltage, and any amperage, will be made up to order.

Combination circuit control battery sets, same as above, but the two-row sets, having circuit-control switch feature, will be furnished at an additional price of \$20.00 list. Such combination sets are designated as BUC-22+23 in place of BMC-22+23, etc., and give a complete reserve battery for both "Talking" and "Ringing", available by the turn of a switch handle.

SINGLE ROW—20-25 AMPERES

Trade No.	Mfrs. No.	No. of Cells. Each Row		SINGLE BATTERY VOLTAGE		PRICE, EACH, NO BATTERIES			
				Talk	Ring	Surface Oak	Flush Oak	STEEL, GRADE A Surface	STEEL, GRADE B Surface
078726	BSC-2+3	5	3	$4\frac{1}{2}$		\$18.00	\$16.05	.....	\$11.45
078727	BSC-2+4	6	3	6		21.90	18.30	.....	14.10
078728	BSC-2+5	7	3	$7\frac{1}{2}$		22.65	19.05	.....	14.85
078729	BSC-3+3	6	$4\frac{1}{2}$	$4\frac{1}{2}$		21.90	18.30	.....	14.10
078730	BSC-3+4	7	$4\frac{1}{2}$	6		22.65	19.05	.....	14.85
078731	BSC-3+5	8	$4\frac{1}{2}$	$7\frac{1}{2}$		24.15	20.70	.....	16.80
078732	BSC-3+6	9	$4\frac{1}{2}$	9		24.90	21.45	.....	17.55
078733	BSC-4+4	8	6	6		24.15	20.70	.....	16.80
078734	BSC-4+5	9	6	$7\frac{1}{2}$		24.90	21.45	.....	17.55
078735	BSC-4+6	10	6	9		28.05	23.25	.....	19.80

DOUBLE ROW—40-50 AMPERES

078736	BMC-22+23	5	3	$4\frac{1}{2}$		28.50	22.72	27.90	26.76	21.72	21.00
078737	BMC-22+24	6	3	$4\frac{1}{2}$		30.30	23.44	34.20	39.24	26.94	25.59
078738	BMC-22+25	7	3	$4\frac{1}{2}$		31.80	29.94	35.70	40.74	28.44	27.09
078739	BMC-23+23	6	$4\frac{1}{2}$	$4\frac{1}{2}$		30.30	28.44	34.20	39.24	26.94	25.59
078740	BMC-23+24	7	$4\frac{1}{2}$	6		31.80	29.94	35.70	40.74	28.44	27.09
078741	BMC-23+25	8	$4\frac{1}{2}$	$7\frac{1}{2}$		34.50	37.38	43.50	43.80	32.10	30.27
078742	BMC-23+26	9	$4\frac{1}{2}$	9		36.00	38.88	45.00	45.30	33.60	31.77
078743	BMC-24+26	10	6	9		39.60	40.68	48.00	48.42	37.56	35.28

TRIPLE ROW—60-75 AMPERES

078744	BMC-33+33	6	$4\frac{1}{2}$	$4\frac{1}{2}$		40.65	38.34	45.30	49.68	37.62	35.82
078745	BMC-33+34	7	$4\frac{1}{2}$	6		42.90	40.69	46.80	51.93	39.12	38.07
078746	BMC-33+35	8	$4\frac{1}{2}$	$7\frac{1}{2}$		47.55	47.64	56.10	56.64	45.00	42.48
078747	BMC-33+36	9	$4\frac{1}{2}$	9		49.80	49.89	57.60	58.99	46.50	44.73
078748	BMC-34+36	10	6	9		54.60	54.84	63.00	62.52	52.56	49.50

In ordering, always specify whether surface steel, surface oak, flush steel, or flush oak is desired.

If double doors are wanted on extra wide steel sets, add 15% to above list prices.

No battery cells are included in above prices. For Columbia Cells, add 25 cents each.

All cabinets are furnished with substantial cylinder locks and two keys.

Standard finish of wood is quartered oak, hand rubbed; of steel, black enamel.

Solid hard rubber Model A strips, in place of skeleton, will be furnished, when so ordered, at an advance of 60 cents list per cell unit.

Send for special bulletin giving complete description of all style Telephone Battery Sets.

PATTERSON BATTERY SETS

CABINET MODELS FOR MOTOR BOAT AND AUTO IGNITION



Boat and Auto Outfit Model G-6
Quartered Oak Cabinet
Polished Brass Fittings



Automobile Outfit Model F-6
Pressed Steel Cabinet
Polished Brass Fittings

In the Patterson Wireless Battery System (as illustrations herewith show) a screw top cartridge battery cell, without wires or binding posts, screws into a solid hard rubber plate, automatically making all connections. This hard rubber plate, as shown in cut, forms a solid, substantial, waterproof cover for the battery box, and as all contacts are moulded solid into this rubber plate, no possible loosening of connections, bad contacts, or trouble from dampness is possible. The battery cells are suspended from the hard rubber plate, and do not rest on any surface where dampness can collect.

All cabinets have hard rubber plates and each battery receptacle has its automatic bridge, permitting removal of an exhausted cell from the holder without interrupting the circuit.

Screw-threaded sockets in plate are of heavy zinc—renewable if ever necessity requires.

Soft rubber gasket between plate and box guards effectually the entrance of water or dampness at this point.

Compression lock washer thumb nuts provide means of forcing the hard rubber plate down onto soft rubber gasket with such heavy pressure that it cannot jar loose, or let water enter box.

Emergency clips are provided so old style binding post cell can be used any time screw top cartridge cells are not at hand.

OAK CABINETS WITH COVERS—HIGHLY POLISHED

Trade No.	Mfrs. No.	No. of Cells Capacity and Arrangement of Circuits	Double Row	
			No Batteries	Price Each
041147	G-6	6 cells, in series, 2 rows of 3		\$10.00
041148	G-12	12 cells, 2 series of 6, 6 cells in each plate		20.00
041149	GM-26	12 cells, 2 rows of 6, 2 sets of 6 cells in Multiple—Series		18.00
041150	G-8	8 cells, in series, 2 rows of 4		12.50
041151	G-16	16 cells, 2 series 8, 8 cells in each plate		25.00
041152	GM-24	8 cells, 2 rows of 4, 2 sets of 4 cells in Multiple—Series		12.50
041153	GM-34	12 cells, 2 rows of 6, 3 sets of 4 cells in Multiple—Series		18.00
041154		Oak cabinets with 2 back stud connections, extra	NET	2.50
Single Row				
041155	GL-4	4 cells, in series, in single row		9.50
041156	GL-6	6 cells, in series, in single row		11.50
041157		Oak cabinets with two back stud connections, extra	NET	2.50

NOTE—When oak sets are to be used on automobile, same must be specified to obtain cushion-plunger equipment and the following additions made to prices shown above.

4 and 6-cell outfits, add \$0.50. 8-cell outfits, add \$0.75. 12-cell outfits, add \$1.00.

PRESSED STEEL CABINETS—BLACK ENAMEL

Double Row				
041158	F-6	6 cells, in series, 2 rows of 3		15.00
041159	F-8	8 cells, in series, 2 rows of 4		18.50
041160	FM-24	8 cells, 2 rows of 4, 2 sets of 4 cells in Multiple—Series		18.50
041161	FM-26	12 cells, 2 rows of 6, 2 sets of 6 cells in Multiple—Series		26.50
041162	FM-34	12 cells, 2 rows of 6, 3 sets of 4 cells in Multiple—Series		26.50
Single Row				
041163	FL-4	4 cells, in series, in single row		14.50
041164	FL-6	6 cells, in series, in single row		19.00

Steel cabinets regularly have back stud connections and cushion plunger equipment.

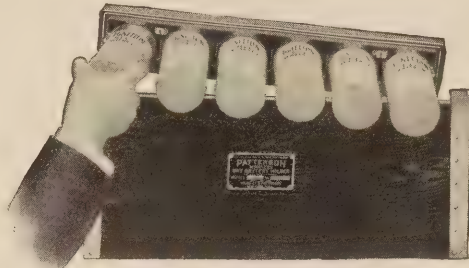
Mahogany outfits at same price as steel; are designated as E instead of F and have back studs and cushion-plungers under each cell.

PATTERSON BATTERY SETS

CABINET MODELS FOR MOTOR BOAT AND AUTO IGNITION



Motor Boat Outfit
Model C-6



Motor Boat Outfit Model CL-6
Plate Raised to Screw in Cells

Cabinets are made of best grade clear oak, finished on the outside with three (3) coats of spar varnish. Over the entire inside surface of cabinet a heavy seamless layer of Neptune Semi-Rubber Compound is flowed, positively preventing any water whatever reaching the battery cells or interior of box, even though it may be completely submerged. Box has heavy steel-bound corners, except D and DW. Substantial leather carrying straps are provided.

Each battery receptacle has automatic bridge, permitting the removal of an exhausted cell from the holder without interrupting the circuit.

Screw-threaded sockets in plate are of heavy zinc, and may be renewed, if ever necessity requires, by simply removing screws holding re-enforcing plate in position.

Compression lock-washer thumb nuts, well galvanized, make it possible to force the plate down onto rubber gasket with such pressure that it cannot jar loose.

Emergency clips are provided so old style binding post cell can be used any time Screw Top Cells are not at hand.

Models C, D, DW and CL are lower in price than G and F cabinets. All but DW have solid hard rubber plates, but do not have box covers as cabinet Types G and GL do.

Model D is a lower-priced outfit similar to Model C and has non-renewable zinc sockets, no automatic bridges, no steel corners.

Model DW is lowest priced holder, with oak top in place of hard rubber as in other outfits on this page.

OAK CABINETS—DOUBLE ROW

Trade No.	Mfrs. No.	No. Cells Capacity and Arrangement of Circuits	Price Each No Batteries
041131	C-6	6 cells—in series—2 rows of 3	\$8.50
041132	D-6	Same as above—differs slightly in fittings	6.50
041133	DW-6	Same as above, except has oak top in place of hard rubber.	5.00
041134	DW-8	Same as above, except 8 cell series	6.50
041135	C-12	12 cells—2 series of 6—6 cells in each plate	17.00
041136	D-12	Same as above—differs slightly in fittings	13.00
041137	CM-26	12 cells—2 rows of 6—2 sets of 6 cells in Multiple—Series	15.00
041138	C-8	8 cells—in series—2 rows of 4	10.00
041139	D-8	Same as above—differs slightly in fittings	8.00
041140	C-16	16 cells—2 series of 8—8 cells in each plate	20.00
041141	D-16	Same as above—differs slightly in fittings	16.00
041142	CM-24	8 cells—2 rows of 4—2 sets of 4 cells in Multiple—Series	10.00
041143	CM-34	12 cells—2 rows of 6—3 sets of 4 cells in Multiple—Series	15.00

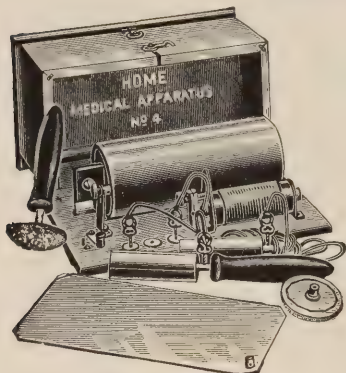
OAK CABINETS—SINGLE ROW

041144	CL-4	4 cells—in series—in single row	7.50
041145	CL-6	6 cells—in series—in single row	9.50
041146	CL-24	8 cells—in single row—2 terminals on 2 plates, 4 each—plates giving 2 series of 4 or 1 series of 8	15.00

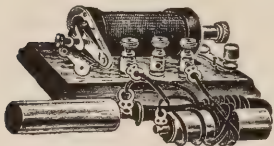
NOTE—When above sets are to be used on automobile, same must be specified to obtain cushion-plunger equipment and the following additions made to prices shown above:

4 to 6-cell outfits, add \$0.50; 8-cell outfits, add \$0.75; 12-cell outfits, add \$1.00, 16-cell outfits, add \$1.25.

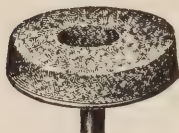
MEDICAL BATTERIES



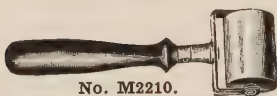
No. M2204.



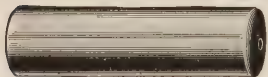
No. M2234.



No. M2373.



No. M2210.



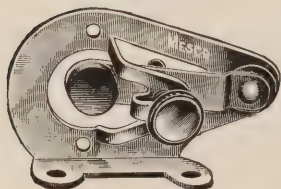
No. M2370.



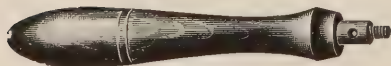
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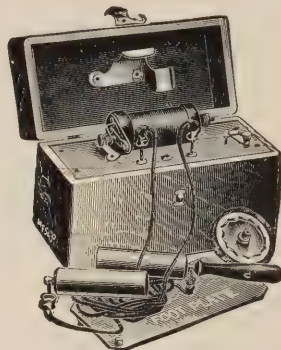
No. M2359



No. M2375.



No. M2365



No. M2215.

ANTI-DOC MEDICAL APPARATUS.

Trade No.		Price Each.	Code Word
M2215	Complete, with battery and electrodes	\$4.00	Eujmo

NO. 4 HOME MEDICAL APPARATUS.

M2204	Complete, with battery and electrodes	7.00	Eitto
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MEDICAL INDUCTION COIL.

M2234	Complete, with electrodes and cords only	2.50	Eesto
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ELECTRODES.

M2373	Sponge electrodes	.24	Eibca
M2210	Massage roller electrode	.70	Euaca
M2370	Hand electrode, N. P.	.20	Eikba
M2371	Hand electrode, N. P.	.20	Ewuba
M2374	Foot plate electrode	.40	Elodea

CONDUCTING CORDS AND TIPS.

M2358	Cords 3 feet long, per pair	.40	Eygca
M2362	Cords 4 feet long, per pair	.50	Eatca
M2359	Tips	.04	Elefca

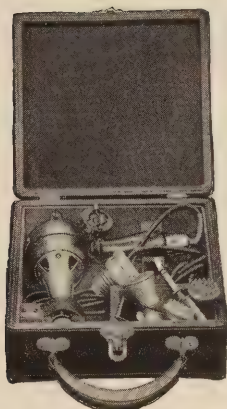
CURRENT INTERRUPTER.

M2375	Same as used on medical batteries	.50	Edoca
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ELECTRODE HANDLE.

M2365	Interchangeable	.14	Ebada
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ELECTRIC MASSAGE VIBRATORS



No. 2236



No. 2239

Trade No.	Mfrs No.		Price Each	Code Word
039946	2236	Electric Massage Vibrator.....	\$25.00	Aeyol
039947	2237	Electric Massage Vibrator; Battery Type.....	25.00	Aeypt
055929	2239	Combination Vibrator and Medical Apparatus.....	40.00	Bgsyx

This vibrator will operate on direct currents of from 100 to 120 volts; and on alternating currents of 60 cycles, 100 to 120 volts. It is not adapted for use on alternating currents of frequencies higher than 60 cycles.

The vibrator is practically noiseless with a minimum of vibration in the handle and is under immediate control of the operator. Furnished with six feet of flexible conducting cord and Mesco separable attachment plug which will fit any ordinary socket. Complete with five applicators, in a leather covered plush lined carrying case. Dimensions $9\frac{1}{4} \times 8\frac{3}{4} \times 4\frac{1}{4}$ inches. Also supplied for use with dry batteries which otherwise is identical to the current type.

COMBINATION VIBRATOR AND MEDICAL APPARATUS

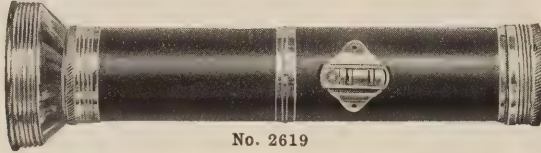
This device, for use with batteries only, combines the No. 2236 vibrator described above and the well known Apollo Medical Apparatus. With it one can have either vibratory or Faradic treatment separately or simultaneously as is recommended frequently by physicians. A compartment is arranged under the medical apparatus plate for massage vibrator and electrodes, also the contact receptacles for connecting batteries and vibrator. Furnished with nine medical apparatus electrodes and five applicators for massage vibrator, making it the most complete device of its kind.

EVEREADY TUNGSTEN FLASH LIGHTS

These flash lights are equipped with the Eveready Guaranteed Tungsten Batteries and the Eveready Mazda Bulbs.

The Tungsten Battery has 400% more life than any other battery on the market, and each one is guaranteed by the manufacturer.

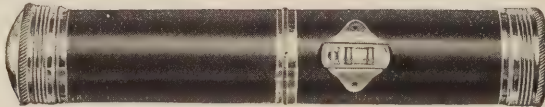
MINER'S LIGHTS, WITH VULCANIZED FIBRE CASES



No. 2619

Trade No.	Mfrs. No.	Size Inches	Price, Each Complete	No. of Battery	Price, Each Extra Battery	No. of Bulb	Price, Each Extra Bulb
054417	2616	1½ x 6½	\$2.10	790	\$0.30	1197	\$0.40
054418	2619	1½ x 8½	2.75	705	.40	1193	.40
054419	2621	1½ x 11	3.10	711	.45	1193	.40
054420	2623	1½ x 13	3.40	715	.70	1195	.40

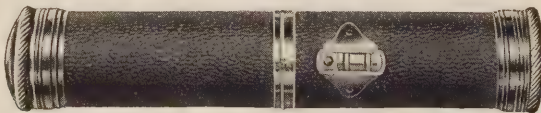
WITH VULCANIZED FIBRE CASES



No. 2612

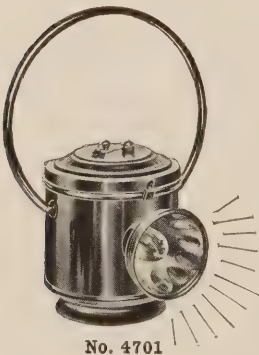
054421	2602	1¼ x 5	1.40	791	.30	1197	.40
054422	2604	1½ x 6½	1.80	790	.30	1197	.40
054410	2612	1½ x 8½	2.05	705	.40	1193	.40
054411	2614	1½ x 11	2.45	711	.45	1193	.40
054412	2615	1½ x 13	2.80	715	.70	1195	.40

WITH LEATHERETTE CASES



No. 2606

054413	2606	1½ x 8½	1.75	705	.40	1193	.40
054414	2608	1½ x 11	2.00	711	.45	1193	.40
054415	2610	1½ x 13	2.40	715	.70	1195	.40



No. 4701

WATCHMAN'S LANTERNS

Trade No.	Mfrs. No.	Price, Each Complete	No. of Battery	Price, Each Extra Battery	No. of Bulb	Price, Each Extra Bulb
054416	4701	5.00	710	.75	1195	.40

Equipped with the wonderful Tungsten Batteries. These are the most serviceable type of lanterns made for outdoor work and are supplanting those now used by signalmen, conductors, trackmen, brakemen, switchmen, etc. They are turned on and off instantly. Wind and storm have no effect on them, and no matches are required.

EVEREADY TUNGSTEN FLASH LIGHTS



No. 6915



No. 6950



No. 6900

These flash lights are equipped with Eveready Guaranteed Tungsten Batteries and the Eveready Mazda Bulbs.

The Tungsten Battery has 400% more life than any other battery on the market, and each one is guaranteed by the manufacturer.

With Vulcanized Fibre Case

Trade No.	Mtrs. No.	Size Inches	Price Each Complete Battery	No. of Extra Battery	Price Each Bulb	No. of Extra Bulb	Price Each
054430	6915	1 x 2 $\frac{3}{4}$ x 3 $\frac{1}{2}$	\$1.70	703	\$0.40	1190	\$0.40

With Black Celluloid Case

054423	6909	1 x 2 $\frac{3}{4}$ x 3 $\frac{1}{2}$	1.70	703	.40	1190	.40
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Nos. 6195 and 6909 have flash and permanent contact.

With Cloth Covered Case

054424	6902	1 x 1 $\frac{7}{8}$ x 3 $\frac{1}{2}$	1.30	792	.30	1197	.40
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White Celluloid Case

054425	6950	1 x 1 $\frac{7}{8}$ x 3 $\frac{1}{2}$	1.55	792	.30	1197	.40
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No. 6950 has flash contact.

Black Celluloid Case

054426	6951	1 x 1 $\frac{7}{8}$ x 3 $\frac{1}{2}$	1.55	792	.30	1197	.40
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Nickel-plated

054427	6900	2 $\frac{1}{2}$ x 1 $\frac{1}{2}$ x $\frac{1}{16}$	1.25	700	.30	1179	.50
054428	6961	2 $\frac{7}{8}$ x 1 $\frac{3}{8}$ x $\frac{3}{4}$	1.30	750	.30	1180	.50
054429	6962	2 $\frac{7}{8}$ x 2 x $\frac{3}{4}$	1.60	751	.40	1181	.50

No. 6900 has flash contact.

GUARANTEES WITH TUNGSTEN BATTERIES

The continuous and intermittent service that will be given by the Tungsten Battery, of whatever size or style, and the degree to which it will retain its strength when not in use, in accordance with the guarantee printed on the labels of the batteries, are as follows for the different size batteries.

Stock No.	Size Inches	Stk. No. of Bulb Required	Hours of Continuous Service	Hours of Intermitt. Service	* Depreciation
700	1 $\frac{1}{8}$ x 1 $\frac{7}{8}$ x $\frac{1}{16}$	1179	1	2	2
701	4 $\frac{3}{4}$ x 1	1190	4	8	6
703	2 $\frac{5}{8}$ x 2 $\frac{7}{16}$ x $\frac{7}{8}$	1190	4	8	6
705	1 $\frac{3}{8}$ x 7	1193	10	20	9
707	3" high	1195	14	28	9
710	5x3	1195	14	28	9
711	1 $\frac{3}{8}$ x 9 $\frac{1}{8}$	1193	14	28	9
712	2 $\frac{1}{2}$ x 3 $\frac{1}{8}$ x 1 $\frac{1}{8}$	....	4	8	6
715	1 $\frac{3}{8}$ x 1 $\frac{1}{4}$	1195	10	20	9
716	6 $\frac{1}{2}$ x 3 $\frac{1}{8}$ x 1 $\frac{1}{2}$	1195	14	28	9
719	5x3x4	1195 or 1115	14	28	9
720	4 $\frac{3}{4}$ x 1	1197	4	8	6
722	3x4x1 $\frac{3}{8}$	1193	14	28	9
723	3" high	1193	14	28	9
724	5x3x4	1115	14	28	9
731	3x6 $\frac{5}{8}$ x 1 $\frac{1}{2}$	1195	14	28	9
734	3x4x1 $\frac{1}{2}$	1113, 1190 1143 or 1193	14	28	9
750	2 $\frac{1}{4}$ x 1 $\frac{5}{16}$ x $\frac{1}{16}$	1180	1 $\frac{1}{2}$	3	4
751	2 $\frac{1}{4}$ x 1 $\frac{15}{16}$ x $\frac{1}{16}$	1181	1 $\frac{1}{2}$	3	4
751S	3 $\frac{3}{16}$ x 4 x 1 $\frac{3}{8}$	1193	14	28	9
753	7 $\frac{1}{4}$ x 1	1113	4	8	6
790	1 $\frac{3}{8}$ x 4 $\frac{3}{4}$	1197	10	20	9
791	1x3 $\frac{3}{4}$	1197	4	8	6
792	2 $\frac{1}{2}$ x 1 $\frac{5}{8}$ x $\frac{1}{16}$	1197	4	8	6
793	3 $\frac{1}{16}$ x 2 $\frac{7}{8}$ x 1	1197	8	16	9

*Months in which batteries will stand on shelf without depreciating more than 10%.













GUARANTEE

WE GUARANTEE THIS EVEREADY TUNGSTEN BATTERY TO GIVE FOUR HOURS CONTINUOUS OR EIGHT HOURS INTERMITTENT SERVICE WHEN USED WITH THE EVEREADY MAZDA (TUNGSTEN) LAMP WHICH IS FOUR HUNDRED PER CENT MORE THAN ANY OTHER BATTERY IN EXISTENCE, AND WE WILL REPLACE, WITHOUT COST, ANY BATTERY THAT HAS DEPRECIATED IN VOLTAGE MORE THAN TEN PER CENT IN SIX MONTHS WHEN NOT IN USE PROVIDED SEAL IS NOT BROKEN. AMERICAN EVER READY CO.

EVEREADY DRY BATTERIES

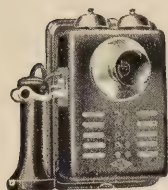
FLASHLIGHT, NOVELTY AND UTILITY BATTERIES

Tungsten Batteries, Black Label

Batteries	Trade No.	Mfrs. No.	Article with which Battery is used.	No. of Cells	Size Ins. Height	INS. OVER ALL. Width	Depth	Voltage of Lamp Required	Net Wgt. Ounces	Price Each
	054438	705	Flash lights.....	3	7	1 3/8	...	3 1/2	10 1/2	\$0.40
	054439	711	Flash lights.....	3	9 1/8	1 3/8	...	3 1/2	13 1/4	.45
	054440	715	Flash lights.....	5	11 3/4	1 3/8	...	5 1/2	17	.70
	054441	790	Flash lights.....	2	4 3/4	1 3/8	...	2 1/2	7	.30
	054442	791	Flash lights.....	2	3 3/4	1	...	2 1/2	3 1/4	.30
	054443	701	Flash lights.....	3	4 3/4	1	...	3 1/2	4 1/4	.45
	054444	...	Flash lights and canes.....	2	4 3/4	1	...	2 1/2	4	.35
	054445	...	Gas range lighter.....	2	8 1/4	1 5/16	...	Platinum	11 3/4	...
	054446	720	Gas mantle lighter.....	2	9 1/2	1 5/16	...	Tip	13 1/2	...
	054447	753	Candles.....	3	1	1	...	3 1/2	6 1/4	.40
	054448	...	Vest pocket flash lights.....	3	3 1/4	2 1/2	7/8	3 1/2	5 1/2	...
			Scarf pins.....							
			Campaign buttons.....							
	054449	...	Coat pocket flash lights.....	3	4 1/2	3 3/8	1 1/8	3 1/2	11 1/2	...
	054450	700	Vest pocket flash lights.....	2	1 7/8	1 1/8	9/16	2 1/2	...	.30
	054451	703	Vest pocket flash lights.....	3	2 5/8	2 7/16	7/8	3 1/2	4 1/2	.40
	054452	750	Vest pocket flash lights.....	2	2 1/4	1 5/16	1 1/8	2 1/2	2	.30
	054453	751	Vest pocket flash lights.....	3	2 1/4	1 5/16	1 1/8	3 1/2	2 3/4	.40
	054454	...	Coat pocket flash lights.....	3	3 1/2	3 1/8	1 1/8	3 1/2	9 3/4	...
	054455	792	Vest pocket flash lights.....	2	2 1/2	1 5/8	1 1/8	2 1/2	3	.30
	054456	793	Coat pocket flash lights.....	2	3 7/16	2 1/8	1	2 1/2	6 1/2	.35
	054457	734	Reading lamps, house lamps, trouble lamps, ruby lamps, surgical lamps, plaques, watch stands, clocks, candles, cigar lighters, gauge lights.	3	3	4	1 3/8	3 1/2	13 3/4	.45
	054458	722	Bicycle lamps.....	3	3	4	1 3/8	3 1/2	13 3/4	.45
	054459	719	Reading lamps, watch stands candles, clocks, house lamps	5	3	4	2 3/4	5 1/2	23 1/4	.75
	054460	724	Carriage lamps, No. 1502 candle..	5	3	4	2 3/4	5 1/2	23 1/4	.75
	054431	731	Trouble lamps, surgical lamps, jack lamps, bicycle lamps, book lamps.....	5	3	6 5/8	1 1/2	5 1/2	22 3/4	.75
	054432	751S	Surgical lamps, book lamps, inspector's lamps.....	3	3 3/16	4	1 3/8	3 1/2	14	.45
	054433	712	Scarf pins.....	3	2 1/2	3 1/8	1 1/8	3 1/2	6 3/4	.40
	054434	723	Bicycle lamps.....	3	3	...	...	3 1/2	13 1/2	.40
			Binnacle lamps.....							
	054435	...	Watchman's lantern.....	5	3	...	...	5 1/2	23	...
	054436	710	Easter lily.....	5	3	...	...	5 1/2	23	.75
	054437	707	Banquet lamp.....	5	3	...	...	5 1/2	23	.75

DE VEAU INTERCOMMUNICATING TELEPHONES

ALL METAL OR WOOD TYPE TELEPHONES



No. 157

No. 157

Capacity, 2 to 20 buttons in metal, 20 to 50 buttons in wood. Black rubber finish. Mounted with nickel trimmings. Automatically restored by hanging up receiver. Ball-bearing mechanism. No friction troubles.

Trade No.	No. Stations	Price Each	Trade No.	No. Stations	Price Each
014660	2 to 10	\$17.00	014670	26	\$28.20
014661	12	18.40	014671	28	29.60
014662	14	19.80	014672	30	31.00
014663	16	21.20	088778	32	32.40
014664	18	22.60	088779	34	33.80
014665	20	24.00	088780	36	35.20
014666	22	25.40	088781	38	36.60
014669	24	26.80	Each additional 2 buttons 1.40		

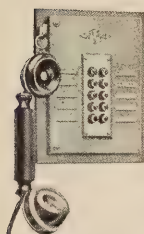
No. 3250 $\frac{3}{4}$ No. 3250 $\frac{3}{4}$

Capacity, 2 to 50 buttons. Made of brass and wood. Brushed brass standard finish; other finishes special. Complete with long unbreakable receiver, solid back transmitter, outlet box, buzzer and celluloid name plates.

Illustration shows telephone made of sheet brass, hinged to black rubber, finished hardwood frame. Mechanism enclosed in damp-proof box. No ground or leak.

Ball-bearing mechanism insures perfect action; all parts interchangeable, each set of springs can be removed without disturbing any other line contact. Perfect insulation, platinum contacts.

014673	2 to 10	25.30	014681	26	36.50
014674	12	26.70	014682	28	37.90
014675	14	28.10	014683	30	39.30
014676	16	29.50	088782	32	40.70
014677	18	30.90	088783	34	42.10
014678	20	32.30	088784	36	43.50
014679	22	33.70	088785	38	44.90
014680	24	35.10	Each additional 2 buttons 1.40		

No. 158 $\frac{1}{2}$

FLUSH SEMI-METAL TYPE TELEPHONES

No. 158 $\frac{1}{2}$

014695	2 to 10	34.00	014703	26	45.20
014696	12	35.40	014704	28	46.60
014697	14	36.80	014705	30	48.00
014698	16	38.20	088786	32	49.40
014699	18	39.60	088787	34	50.80
014700	20	41.00	088788	36	52.20
014701	22	42.40	088789	38	53.60
014702	24	43.80	Each additional 2 buttons 1.40		

The above prices on Nos. 3250 $\frac{3}{4}$ and 158 $\frac{1}{2}$ include outlet boxes and terminal boards.

Steel Outlet Box
for Oblong
Telephones

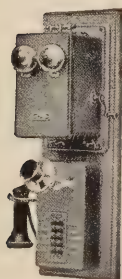
MAGNETO TELEPHONES

No. 720

Capacity, 2 to 50 buttons. Golden oak finish standard; mounted with nickel trimmings. Complete with celluloid name plates.

For long distance intercommunicating work where the circuits are too long for the battery call instruments. Complete with adjustable solid back transmitter and unbreakable double-pole receiver. Generator is wound to ring through 25000 ohms. All connections made to terminal board inside of telephone.

014706	2 to 10	26.00	014714	26	37.20
014707	12	27.40	014715	28	38.60
014708	14	28.80	014716	30	40.00
014709	16	30.20	088790	32	41.40
014710	18	31.60	088791	34	42.80
014711	20	33.00	088792	36	44.20
014712	22	34.40	088793	38	45.60
014713	24	35.80	Each additional 2 buttons 1.40		



No. 720

DE VEAU INTERCOMMUNICATING TELEPHONES

ALL METAL, BALL BEARING AUTOMATIC TELEPHONES.



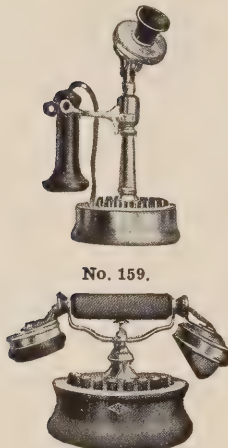
No. 1060.

No. 1060.

Trade No.	No. Stations.	Price Each.	Code Word.
014610	2 to 10	\$20.00	Absidifup
014611	12	21.40	Absidigas
014612	14	22.80	Absidigde
014613	16	24.20	Absidigeg
014614	18	25.60	Absidigil
014615	20	27.00	Absidigma
014616	22	28.40	Absidigni
014617	24	29.80	Absidigov
014618	26	31.20	Absidigru
014619	28	32.60	Absidigub
014620	30	34.00	Absidigvo

The above prices include telephone complete with push button box.

Push Button Box.

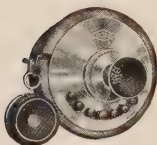


No. 159.

No. 159.

014621	2 to 10	25.30	Absidelfa
014622	11	26.20	Absidelju
014623	12	27.10	Absidelks
014624	13	28.00	Absidelne
014625	14	28.90	Absidelog
014626	15	29.80	Absidelth
014627	16	30.70	Absideluf
014628	17	31.60	Absidelyk
014629	18	32.50	Absidemar
014630	19	33.40	Absidemev
014631	20	34.30	Absidemfe
014632	21	35.20	Absidemha
014633	22	36.10	Absidemko
014634	23	37.00	Absidemow
014635	24	37.90	Absidemru
014636	25	38.80	Absidemts
014637	26	39.70	Absidemub
014638	27	40.60	Absidemyp
014639	28	41.50	Absidenav
014640	29	42.40	Absidenew
014641	30	43.30	Absidenft

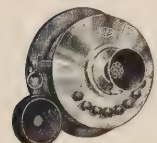
No. 160.



No. 160.

014642	2 to 10	40.00	Absidenka
014643	11	40.90	Absidenlo
014644	12	41.80	Absidenox
014645	13	42.70	Absidenpu
014646	14	43.60	Absidente
014647	15	44.50	Absidenuh

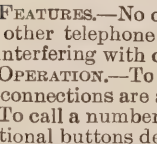
No. 42.



No. 42.

014648	2 to 10	20.00	Absidenyc
014649	11	20.70	Absidepaw
014650	12	21.40	Absidepdo
014651	13	22.10	Absidepem
014652	14	22.80	Absidepgu
014653	15	23.50	Absidepla

No. 48.



No. 48.

014654	2 to 10	20.00	Absidepni
014655	11	20.70	Absidepux
014656	12	21.40	Absidepyb
014657	13	22.10	Absidequo
014658	14	22.80	Absidesap
014659	15	23.50	Absidesji

FEATURES.—No operator necessary. Any telephone may call and converse directly with any other telephone on the system, and two or more pairs can be used at the same time without interfering with one another.

OPERATION.—To call any station: Press the button, with receiver on or off the hook. The connections are automatically restored by placing the receiver back on the hook.

To call a number of stations: Hold down the button on the first call, and press in any additional buttons desired. This will permit of joint conversation, only practicable with our DeVeau Ball-Bearing Automatic Telephone Apparatus.

DE VEAU MAGNETO TELEPHONES

DESK STANDS.

No. 286.



No. 286.

Trade No.	Price Each.	Code Word
015735	\$16.00	Afbo

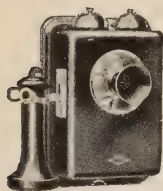
Standard nickel plated central energy desk set, without signal bell or condenser.

No. 287.

015736	15.00	Afbo
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Standard nickel plated desk set, complete, with buzzer, magneto and strap-key on separate base.

No. 288.



No. 184C.

015737	14.00	Afbo
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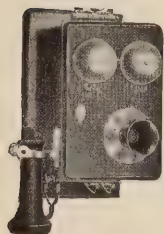
Standard nickel plated desk set, complete, for use with magneto (magneto not included.)

No. 289.

015738	24.00	Afca
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Standard nickel plated desk set, complete, for use with magneto, and including series magneto.

No. 290.



No. 77.

015739	26.00	Afce
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Standard nickel plated desk set, complete, for use with magneto, and including bridging magneto.

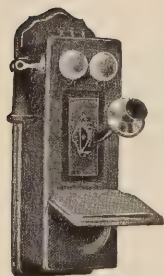
CENTRAL ENERGY WALL TELEPHONES.

No. 184C.

015740	13.00	Afcu
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The No. 184C central energy wall phone, complete, with long double pole receiver. Solid back transmitter.

PRIVATE LINE MAGNETO TELEPHONES.

No. 77.
Series.

No. 150.

Trade No.	No. Bar Generator.	Ohms Resis.	Price Each.	Code Word
015741	3	80	\$17.00	Afda
Bridging.				
015742	4	1000	22.00	Afeb
015743	5	1000	27.00	Afek

COMPACT TYPE TELEPHONES.

No. 150.
Series.

015744	3	80	18.00	Afel
Bridging.				
015745	4	1000	23.00	Afem
015746	5	1000	29.00	Aftt

LINEMAN'S TESTING SETS.

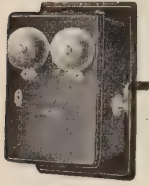
No 131.



No. 131.

Trade No.	Ohm Resis Ringer.	Ohm Resis. Generator.	Price Each.	Code Word.
015747	80	25,000	\$16.50	Afge
015748	1000	50,000	19.80	Afho

DE VEAU TELEPHONE ACCESSORIES



No. 3223

MAGNETO BELLS

Series				
Trade No.	Mfrs. No.	No. Bar Generator	Ohms Resis.	Price Each
015749	3223	3	80	\$9.50
Bridging				
015750	3223B	4	1000	11.00
015751	3223V	5	1000	14.00



No. 185

CENTRAL ENERGY TYPE SIGNAL BELLS

Trade No.	Mfrs. No.	Price Each
015752	185	\$10.00

STANDARD MAGNETO EXTENSION BELLS

		Series	
015753		2130	2.80
		Bridging	
015754		3220	5.50



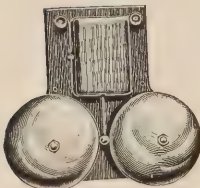
No. 2130

One or more of these standard extension bells can be connected with a telephone and placed in different parts of building so as to ring simultaneously with the telephone, or they may be placed in different parts of a factory and connected with a magneto bell in office.

LOUD RINGING MAGNETO EXTENSION BELLS

Without Condensers

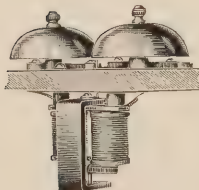
Trade No.	Mfrs. No.	Size Gong Inches	Ohms Resis.	Price Each
013399	2131	6	80	\$10.44
013400	2132	6	1000	11.04
013401	2133	6	1600	11.50



No. 2131

Complete with two six-inch gongs, polarized ringer and golden oak frame work. Condensers are supplied when desired with bells having a resistance of 1000 ohms or over, for which an additional charge is made.

Prices on weatherproof loud ringing extension bells on application.



No. 142

RINGERS

Trade No.	Mfrs. No.	Price Each
018339	142	\$2.50
018340	143	3.50

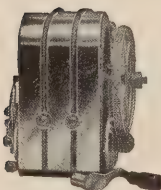
GENERATORS

Series

Trade No.	Mfrs. No.	No. Bar Generator	Price Each
020173	3128	3	\$7.00

Bridging

020174	3129	4	8.00
015755	3130	5	9.50



No. 3128

The above generators are used in all types of magneto telephones. Magnets are highly nickeled and polished.

DE VEAU APARTMENT HOUSE AND SUITE TELEPHONES



No. 352A.

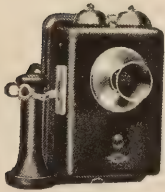


No. 350.



No. 126.

ALL METAL VESTIBULE PHONES WITH LETTER BOXES.

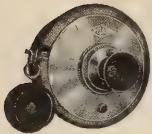


No. 1172.

Trade No.	No. 352A.	Price Each.	Code Word.
014720		\$45.30	Aeuf

No. 352A furnished complete with 3 letter boxes and the necessary calling button. Equipped with double pole adjustable cordless receiver and solid back transmitter.

FLUSH ALL METAL TYPE SUITE TELEPHONES.



No. 48S.

Trade No.	No. 350.	Price Each.	Code Word.
014721		20.00	Aeul

The above prices include telephones equipped with adjustable cordless double pole receiver and solid back transmitter. Outlet box furnished for advance installation.

TWO PARTY LINE TELEPHONES.

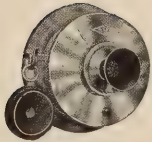
Trade No.	No. 126	Price Each.	Code Word.
014722		5.00	Aeum

ALL METAL PRIVATE L. EXTENSION TELEPHONES.

Trade No.	No. 1172.	Price Each.	Code Word.
014723		10.00	Aeur

The above telephone saves using a number of wires, for connecting stables, garages or any outlying points, with main building interior telephones.

ALL METAL SURFACE SUITE TELEPHONES.

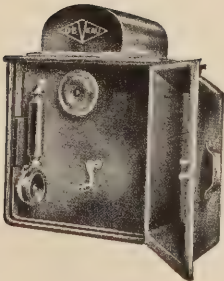


No. 42S.

Trade No.	No. 48S.	Price Each.	Code Word.
014724		12.00	Afab
Trade No.	No. 42S.	Price Each.	Code Word.
014725		12.00	Afad

The above Nos. 48S and 42S telephones are equipped with transmitters and double pole receivers.

MINE AND STREET RAILWAY TELEPHONES.

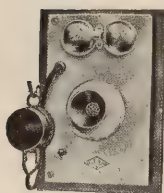


No. 1156.

Trade No.	No. 1156. Series.	Ohm. Resis.	No. Bar Generator.	Price Each.	Code Word.
014726		80	3	\$40.00	Afag
Trade No.	Bridging.	Ohm. Resis.	No. Bar Generator.	Price Each.	Code Word.
014727		1000	4	44.00	Afal
014728		1000	5	48.00	Afas

The No. 1156 telephones are complete with cast iron case, solid back transmitter, adjustable cordless receiver, nickel plated generator, and dry batteries. Mechanism mounted on all metal face plate, absolutely dustproof and waterproof

DE VEAU TELEPHONES AND SWITCHBOARDS



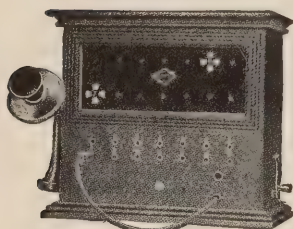
No. 2252.



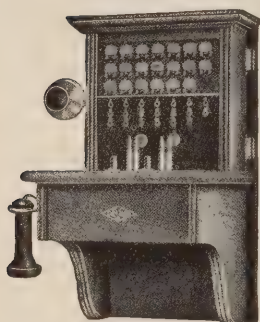
No. 2250



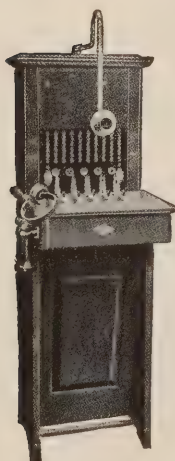
No. 325.



No. 200C.



No. 293B.



No. 190T.

SUITE TELEPHONES.

All Metal, Semi Automatic.

Trade No.	Mfrs. No.	Price Each.	Code Word
015730	2252	\$20.00	Afhu

No. 2252 telephones are equipped with solid back transmitters, and double pole watch case receivers.

015731	2250	29.30	Afid
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The above prices on No. 2250 include telephone complete with solid back transmitters and double pole watch case receivers, from 2 to 10 stations. For each additional 2 stations add \$1.40 to above prices.

FLUSH SWITCHLESS ANNUNCIATOR TELEPHONES.

019019	325	Afif
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The No. 325 annunciator telephones are used as a janitor's phone so as to designate name or number of room calling when janitor or superintendent is away from post. Capacity, 2 to 30 stations. Prices on application.

ANNUNCIATOR SWITCHBOARDS.

Trade No.	Mfrs. No.	No. Drops.	Price Each.	Code Word
015732	200C	10	\$60.00	Afin
Each additional number,			3.00	

The No. 200C apartment house annunciator switchboard is designed to meet specifications, complete with the Auth gravity drops.

WALL TYPE APARTMENT HOUSE SWITCHBOARDS.

015733	293B	10	68.00	Afit
Each additional drop, per number,			6.00	

The No. 293B switchboards have hinged backboard, new style cams, drops and jacks, complete, with operator's attachments. Oak finish. Capacity, 10 to 30 numbers.

UPRIGHT APARTMENT HOUSE SWITCHBOARDS.

015734	190T	25	175.00	Afix
Each additional drop			6.00	

The No. 190T standard apartment house switchboard, target signals, five pair plugs, ringing and listening cams. Complete with gooseneck pattern, operator's attachment, long distance transmitter, hand or head receiver. Furnished with target or self-restoring drops as desired.

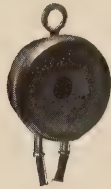
All of the above switchboards can be made for series or bridging magneto work.

Prices will be quoted on application for any series, bridging or special type switchboards.

TELEPHONE ACCESSORIES



No. 016352



No. 016354



No. 016369



No. 016355

RECEIVERS

Standard, Hard Rubber Shell

Trade No.	Description	Price Each	Code Word
016352	With cord.....	\$2.00	Foag
016353	Without cord.....	1.80	Foax



No. 016356

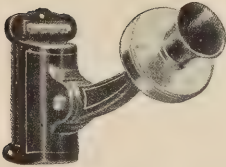
Watch Case

016354	With cord.....	1.30	Fobe
016368	Without cord.....	1.10	Fobo

Operators

016369	Complete	5.50	Foca
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Head bands are made of steel, covered with leather and fitted with watch case receivers and cord.



No. 016357

TRANSMITTERS

016355	Standard.....	2.50	Foda
016356	Arm and base complete with cords.....	3.50	Fods
016357	Arm and base complete with cords.....	4.50	Foek



No. 016361

RINGERS

Trade No.	Resistance Ohms	Price Each	Code Word
016361	1000	\$3.76	Foge
016362	1200	3.80	Fogo
016363	1600	4.00	Fogu
016364	2000	4.80	Fohl
016365	2500	5.80	Foje

Where gongs and standard are not wanted with the above specify in order, without gongs, and deduct from the prices.

GENERATORS

Trade No.	No. Bar	Price Each	Code Word
016358	3	\$4.66	Foki
016359	4	5.76	Foku
016360	5	7.00	Folb

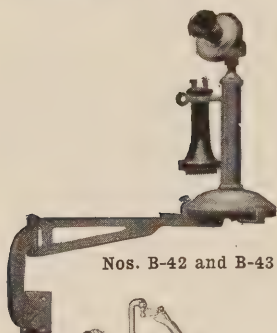


No. 016359

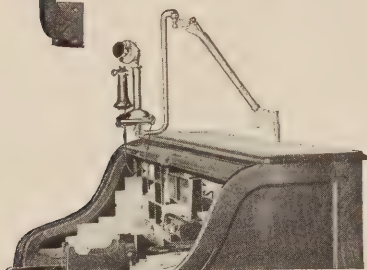
TELEPHONE BRACKETS



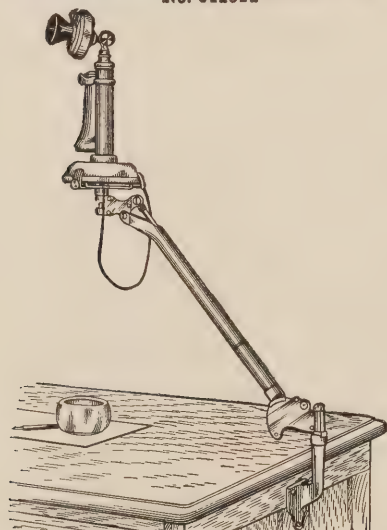
Nos. A-40 and A-41



Nos. B-42 and B-43



No. 041312



No. 041309
Standard Arm for Either Roll or
Flat-Top Desk

IMPERIAL TELEPHONE BRACKETS

Clamps for holding base of telephone are adjustable so bracket will readily take any style desk set.

Standard finishes: polished nickel and oxidized copper.

The finish desired must be specified in ordering.

For Roll-Top Desks

Trade No.	Mfrs. No.	Finish	Price Each
047245	A-40	Pol. nickel	\$3.00
047246	A-41	Ox. copper	3.00

For Flat-Top Desks

047247	B-42	Pol. nickel	3.50
047248	B-43	Ox. copper	3.50

EQUIPOISE TELEPHONE ARMS

FOR ROLL AND FLAT-TOP DESKS AND WALLS

Hard Rubber Finish

Trade No.	Arm Extension Inches	Drop Inches	Price Each
041309	24	\$4.00

Heavy Nickel Finish

041310	24	4.50
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FOR ROLL-TOP DESKS

Hard Rubber Finish

041311	24	10	4.75
041312	24	15	5.00

Heavy Nickel Finish

041313	30	10	5.25
041314	30	15	5.50

FLOOR STANDS

For 1, 2 or 3 Arms

041315	2.50
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PARTS

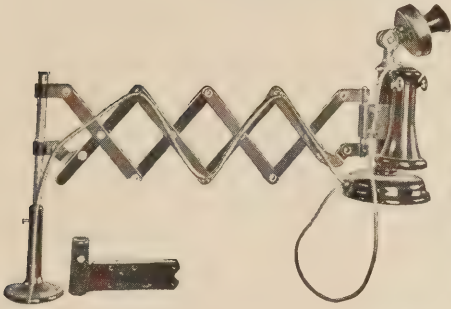
Link Extensions

Trade No.	Mfrs. No.	Size Inches	Price Each
041317	2	3	\$0.35
041318	3	6	.50
041319	4	10	.75

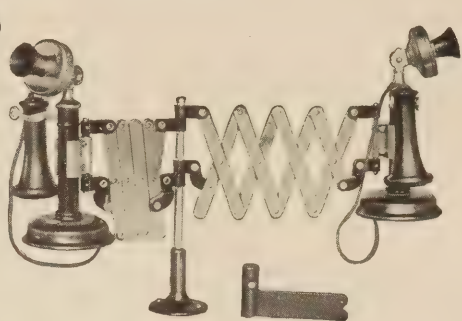
Drop Extensions

041320	5	10	.90
041321	6	15	1.00
041322	7	17	1.10
041323	8	Special drop clamps for use with phones having straight tubular upright..	.50
041324	9	Double yoke for two arms on one pivot.....	.50
041325	10	Triple yoke for three arms on one pivot.....	.65
041326	12	Demonstration clamp..	2.00

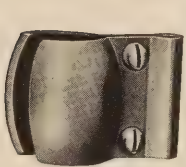
BURNS TELEPHONE BRACKETS



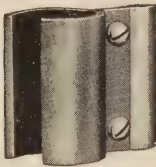
Single Bracket



Double Bracket



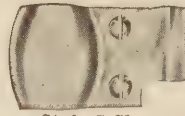
Style A Clamp



Style B Clamp



Style C Clamp



Style G Clamp



Receiving Fork
No. 107

ADJUSTABLE BRACKETS

Single

Trade No.	Mfrs. No.	No. of Lks.	Length of Link	Ins. Ext.	Price Each	Code Word
042247	87	8	7	23	\$7.00	Ahyaf
042248	107	10	7	27	8.00	Ahyap
042249	127	12	7	32	9.00	Ahyat
042250	147	14	7	36	10.00	Ahybe
						Double
042251	870	8	7	23	12.00	Ahyck
042252	1070	10	7	27	14.00	Ahyev
042253	1270	12	7	32	16.00	Ahyfa
042254	1470	14	7	36	18.00	Ahygo

In ordering be sure and specify the style of mounting for desk, style of clamp to hold telephone, and whether single or double arm.

PARTS

Clamps

Trade No.	Mfrs. No.	Price Each	Code Word
042555	A	\$0.70	Ahygu
042556	B	.70	Ahyja
042557	C	.70	Ahyka
042558	G	.70	Ahyko

Mountings

Trade No.	Mfrs. No.	Price Each	Code Word
042559	81	.90	Ahylo
042560	82	1.40	Ahylp
042561	83	.90	Ahylu
042562	85	.90	AhymS
042563	85X	.90	Ahyob
042564	85Y	.90	Ahyof
042565	86	1.40	Ahyol

Arms Only

Trade No.	Mfrs. No.	Price Each	Code Word
042566	87	5.20	Ahypt
042567	107	.20	Ahyrl

Receiver Hooks

Slightest touch brings your phone to you or takes it away. No dangling cords to tangle or catch on desk or papers. Can be instantly attached or detached from any desk, either roll or flat top. Trussed form of construction makes it many times stronger than any other bracket. Will withstand many years of hardest usage. Illustration shows standard size of eight 7-inch links and this size will be shipped unless otherwise ordered.



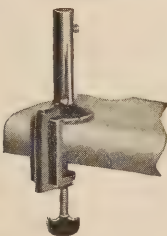
No. 81



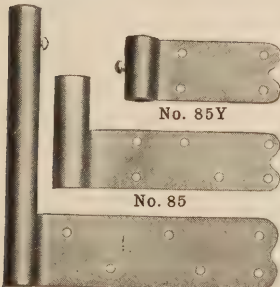
No. 82



No. 83



No. 86



No. 85Y

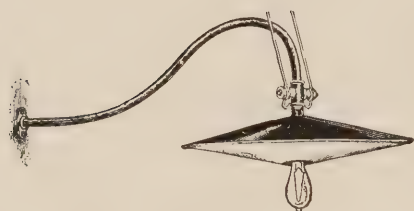
No. 85

No. 85X

KLEMM STREET FIXTURES



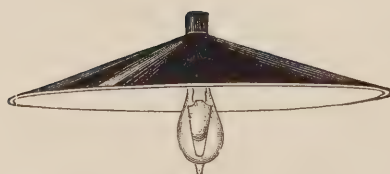
No. 300



No. 704



No. 302 for Cluster



No. 302 for Single Socket



No. 380

DEFLECTOR STREETHOODS AND BRACKETS

No. 300

These hoods are strongly made and are a thorough protection for the socket for outdoor lighting. The bracket is made of $\frac{3}{8}$ -inch iron pipe, and measures 2 feet long with an extra large crow-foot at the back. The hoods and brackets are painted dark green on the top and the face is heavily coated with white enamel to stand outdoor wear.

Trade No.	Diameter of Hood Inches	Price, Each Complete	Hood only
083426	12	\$1.40	\$0.80
083427	15	1.60	1.00
083428	18	2.20	1.50

In ordering, state whether wanted to take $\frac{3}{8}$ or $\frac{1}{8}$ -inch socket.

Nos. 704 and 705

Bracket is made of $\frac{1}{2}$ -inch iron pipe, 30 inches long with a heavy plate at the back and insulators with an entrance for the wires over the hood. Made to take $\frac{3}{8}$ -inch socket.

Trade No.	Mfrs. No.	Diam., Hood Inches	Price Complete Each
083429	704	15	\$2.40
083430	705	15	3.00

No. 705 has the top of hood made of copper.

PLAIN STREETHOODS, No. 302

Painted green on top and white enameled reflector. Make excellent reflectors for clusters of light for outdoor use.

Trade No.	Diam., Hood Inches	Price, Each Complete with Bracket	Hood only
083431	15	\$1.40	\$0.80
083432	18	1.70	1.00
083433	20	2.00	1.20
083434	24	....	2.00

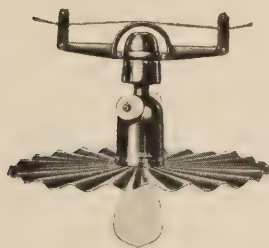
Made for either $\frac{3}{8}$ -inch socket or cluster body.

PORCELAIN ENAMELED STEEL HOODS

Trade No.	Mfrs. No.	Description	Price Each
083435	380	With fitting to slide $\frac{3}{8}$ -inch pipe.....	\$1.50
083436	383	With $\frac{3}{8}$ -inch female to $\frac{3}{8}$ -inch male fitting.....	1.50
083437	386	With 2 locknuts to fasten $\frac{1}{2}$ -inch pipe.....	1.50

Diameter of hood, 18 inches.

HUBBELL STREET FIXTURES



No. 991



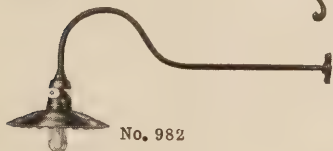
No. 1034



No. 1041



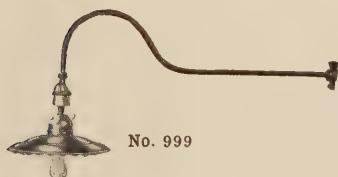
No. 1039



No. 982



No. 983



No. 999

MAZDA FIXTURES

Trade No.	Mfrs. No.	Description	Std. Pkg.	Price Each
067050	991	Without socket	10	\$5.00
067051	991	With multiple socket	10	5.25
067052	991	With series socket	10	6.55

Furnished with 20-inch radial wave deflector, porcelain enameled. Canopy and cross-arm cast in one piece; porcelain insulator with malleable iron spreader bracket for suspension work.

067053	1034	Without socket	10	6.00
067054	1034	With multiple socket	10	6.25
067055	1034	With series socket	10	7.55

Furnished with 20-inch radial wave deflector, porcelain enameled. $\frac{3}{4}$ -inch gooseneck bracket, 4 feet long; oval pole flange. High tension mica insulator between gooseneck and body of fixture. All metal parts heavily enameled.

067056	1041	Without socket	10	7.75
067057	1041	With multiple socket	10	8.00
067058	1041	With series socket	10	9.30

Furnished with 20-inch radial wave deflector, porcelain enameled. $\frac{3}{4}$ -inch straight bracket, 4 foot long; with ornamental scroll. All parts heavily enameled. High tension mica insulating joint between bracket and fixture.

067059	1039	Without socket	10	9.45
067060	1039	With series socket	10	11.00

An 18-inch black japanned steel hood with porcelain enameled fluted deflector. Canopy and cross-arm cast in one piece. High tension mica insulating joint. $\frac{3}{4}$ -inch iron pipe straight bracket, 4-feet long. Wrought iron scroll; three-hole pole flange. All metal parts heavily enameled.

067061	982	Without socket	10	6.50
067062	982	With series socket	10	8.05

An 18-inch black japanned steel hood, with porcelain enameled fluted deflector. Canopy and cross-arm cast in one piece. High tension mica insulating joint. $\frac{3}{4}$ -inch iron pipe gooseneck bracket, 4 feet long, with pole flange. All metal parts heavily enameled.

067063	983	Without socket	10	10.00
067064	983	With series socket	10	11.55

An 18-inch black japanned steel hood with porcelain enameled fluted steel deflector. Cast canopy and high tension mica insulating joint. 4-foot bracket of $1\frac{1}{4}$ -inch pipe and heavy flange. Wrought iron scroll. Heavy insulated wires may be run through the $1\frac{1}{4}$ -inch bracket. All metal parts heavily enameled.

067065	999	Without socket	10	5.15
067066	999	With multiple socket	10	5.40
067067	999	With series socket	10	6.70

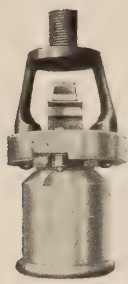
An 18-inch black japanned steel hood with porcelain enameled fluted steel deflector. Canopy and cross-arm cast in one piece. Porcelain insulator with yoke. $\frac{3}{4}$ -inch iron pipe gooseneck bracket, 4 feet long; oval pole flanges. All metal parts heavily enameled.

If Nos. 991, 1034, or 1041 are wanted with lamp guards, add \$1.50 each to list. For Nos. 1039, 982, 983, and 999 with lamp guards, add \$1.00 each.

HUBBELL STREET FIXTURES



No. 25706



No. 25708



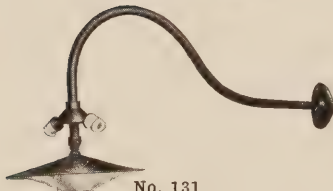
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No. 25720



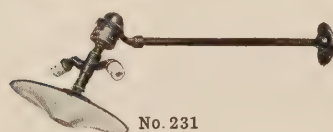
No. 411



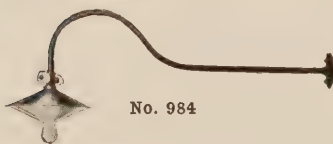
No. 131



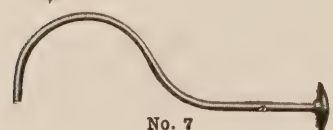
No. 241



No. 231



No. 984



No. 7

SOCKETS

Trade No.	Mfrs. No.	Description	Std. Pkg.	Price Each
084334	25706	Socket, multiple	10	\$0.25
084335	25708	Socket and yoke, series	10	1.70
No. 25708 is a socket, receptacle and yoke complete for Edison Screw Base Lamp, having base 1½ in. diameter. For use of lamps of all capacities from 10 amps. down.				
084336	25711	Series socket only	10	.85
084337	25720	Series socket only but to fit standard Edison Screw Base Lamps.	10	.50
084338	25712	Porcelain receptacle with clips and yoke	10	.85

FIXTURES

084339	411	Without socket	10	5.25
084340	411	With multiple socket	10	5.50
084341	411	With series socket	10	6.95
No. 411 is a 17-in. enameled steel hood and deflector. Iron cross-arm with yoke, and porcelain insulators, ¾-in. iron pipe bracket, 3 ft. long; oval pole flange.				
084342	131	Without socket	10	3.00
084343	131	With multiple socket	10	3.25
No. 131 is a 14-in. enameled steel hood and deflector. Iron bell with insulators. ¾-in. iron pipe gooseneck bracket, 3 ft. long; oval pole flange.				
084344	241	Without socket	10	3.00
084345	241	With multiple socket	10	3.25
084346	241	With series socket	10	4.70
No. 241 is a 17-in. enameled steel hood and deflector. Iron cross-arm with porcelain insulators. ¾-in. iron pipe gooseneck bracket, 3 ft. long; oval pole flange.				
084347	231	Without socket	10	4.50
084348	231	With multiple socket	10	4.75
No. 231 is a 14 in. enameled steel hood and deflector. Iron cross-arm with porcelain insulators. ¾-in. iron pipe straight bracket, 30 in. long; oval pole flange.				
084349	984	Without socket	10	2.50
084350	984	With multiple socket	10	2.75
084351	984	With series socket	10	4.20

No. 984 is furnished with 14-in. enameled steel hood and deflector. Iron cross-arm with porcelain insulators. ¾-in. iron pipe gooseneck bracket, 4 ft. long; oval pole flange.

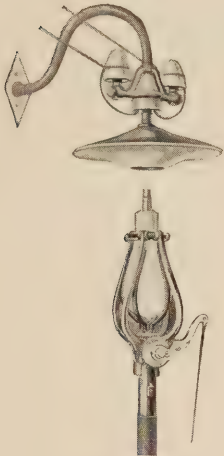
All metal parts on above fixtures are heavily enameled.

GOOSENECK BRACKETS

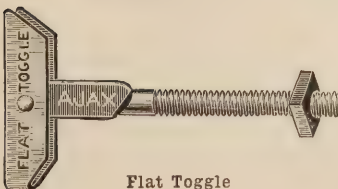
¾-inch Iron Pipe, Black Enamel				
084352	7	3 ft. long, No. 1 oval flange	10	.90
084353	8	4 ft. long, No. 1 oval flange	10	1.10
084354	9	5 ft. long, No. 1 oval flange	10	1.30

Other sizes and lengths to order.

LAMP RENEWERS AND TOGGLE BOLTS

Lamp Renewer
with Jaws ClosedLamp Renewer
with Jaws Open

Regular Toggle



Flat Toggle

IMPERIAL LAMP RENEWERS

These lamp renewers are substantially made for the hard usage to which similar tools are subjected in line work.

The jaws of the renewer are made of the best manganese bronze, and all other parts of brass composition (government formula). The top of the jaws is formed and hollowed to fit firmly on to the porcelain collar of the G-E No. 25708 Porcelain Series Sockets. The lamp is protected by steel springs covered with soft rubber tubing.

To remove the lamp and plug socket, open the jaws of the remover by one pull on the cord, then set the jaws of the remover firmly against the rim of the socket, and the next pull on the cord clasps the lamp holder firmly and the strain on the cord can be released. The grasp on the porcelain holder is firm and cannot be released until after the lamp and holder are removed. Can be used for either pole bracket or suspended lamps.

Each remover is equipped with a 12-foot pole in two 6-foot sections, made of well seasoned maple, thoroughly filled with insulating varnish to insure against chance of shock by grounded circuits. Additional poles in 6-foot lengths, with couplings, can be furnished, when desired. Each outfit is also fitted with a 12-foot weather-proof cord.

Trade No.		Price Each
086653	Complete, ready for use.....	\$25.00
086676	Extra 6-foot lengths of pole with coupling on one end.....	2.00
086677	Extra 6-foot lengths of pole with couplings on both ends.....	3.00

AJAX TOGGLE BOLTS

Regular, Round Head

Trade No.	Size Inches	Price per 100	Trade No.	Size Inches	Price per 100
086654	$\frac{1}{8}$ x 3	\$3.40	086659	$\frac{1}{8}$ x 3	\$5.00
086655	$\frac{1}{8}$ x 4	3.80	086660	$\frac{1}{8}$ x 4	5.40
086656	$\frac{1}{8}$ x 3	3.60	086661	$\frac{1}{4}$ x 3	4.00
086657	$\frac{3}{16}$ x 4	4.00	086662	$\frac{1}{4}$ x 4	4.40
086658	$\frac{3}{16}$ x 6	4.80	086663	$\frac{1}{4}$ x 6	5.20

*Nickel-plated.

Molding, Flat Head

Used for fastening molding, or any other article requiring a flat head screw, to tile, hollow brick, marble, or plastered partition.

086664	$\frac{1}{8}$ x 3	3.40	086667	$\frac{3}{16}$ x 4	4.00
086665	$\frac{1}{8}$ x 4	3.80	086668	$\frac{1}{4}$ x 3	4.00
086666	$\frac{3}{16}$ x 3	3.60	086669	$\frac{1}{4}$ x 4	4.40

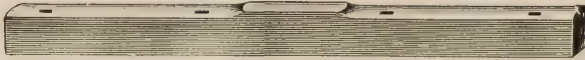
Flat, with Nut

For use where the object fastened in place may need to be removed and replaced. Slips through a $\frac{3}{8}$ -inch hole, but exposes the nut and the surplus thread.

086670	$\frac{3}{16}$ x 3	3.20	086673	$\frac{1}{4}$ x 3	4.00
086671	$\frac{3}{16}$ x 4	3.40	086674	$\frac{1}{4}$ x 4	4.40
086672	$\frac{3}{16}$ x 6	3.80	086675	$\frac{1}{4}$ x 6	5.20

All the above toggles are packed in standard packages of 50.

YELLOW PINE CROSS-ARMS



STANDARD ELECTRIC LIGHT ARMS, 3¼x4¼ INCHES

Trade No.	Length	SPACINGS, INCHES				F. O. B. MONEY POINT, VA.				F. O. B. MISSISSIPPI MILLS			
		Pins	Center	Side	End	Brace	Com'l	Select	75% Heart	All Heart	Long Leaf	75% Heart	All Heart
083514	3 ft.	2	28	..	4	25	\$0.18	\$0.24	\$0.27	\$0.30	\$0.19½	\$0.22½	\$0.28½
083515	4 ft.	4	16	12	4	28	.24	.32	.36	.40	.26	.30	.38
083516	5 ft.	4	18	17	4	28	.30	.40	.45	.50	.32½	.37½	.47½
083517	6 ft.	4	22	21	4	32	.36	.48	.54	.60	.39	.45	.57
083518	6 ft.	6	16	12	4	32	.36	.48	.54	.60	.39	.45	.57
083519	8 ft.	6	18	17½	4	32	.48	.64	.72	.80	.52	.60	.76
083520	8 ft.	8	16	12	4	32	.48	.64	.72	.80	.52	.60	.76
083521	8½ ft.	10	16	9¾	4	32	.54	.72	.81	.90	.57	.67½	.85½
083522	10 ft.	8	17½	15¾	4	42	.60	.80	.90	1.00	.65	.75	.95
083523	10 ft.	10	16	12	4	42	.60	.80	.90	1.00	.65	.75	.95
083524	10 ft.	12	16	9⅝	3⅞	42	.60	.80	.90	1.00	.65	.75	.95

Bored for 1½-in. pins; may be bored for 1¼-in. pins if so specified. Weight, per lineal ft.: Plain, 4.4 lbs.; creosoted, 5.4 lbs.

WESTERN UNION ARMS, 3x4¼ INCHES

083525	6 ft.	4	22	21	4	32	.36	.48	.54	.60	.36	.42	.54
083526	8 ft.	6	18	17	4	32	.48	.64	.72	.80	.48	.56	.72
083527	10 ft.	8	17	15	4	42	.60	.80	.90	1.00	.60	.70	.90

Bored for ½-in. steel pins. Weight, per lineal ft.: Plain, 4.1 lbs.; creosoted, 5 lbs.

TELEPHONE ARMS, 2¾x3¾ INCHES

083528	24 in.	2	17	..	3½	..	.10	.12	.16	.18	.11	.12	.15
083529	30 in.	2	23	..	3½	..	.12½	.15	.20	.22½	.13¾	.15	.18¾
083530	36 in.	2	29	..	3½	25	.15	.18	.24	.27	.16½	.18	.22½
083531	42 in.	4	16	9½	3½	28	.17½	.21	.28	.31½	.19¼	.21	.26¼
083532	62 in.	6	16	9¾	3½	28	.26	.31	.41	.46½	.28½	.31	.38¾
083533	82 in.	8	16	9¾	3¾	28	.34	.41	.55	.61½	.37½	.41	.51¾
083534	102 in.	10	16	9¾	4	28	.42½	.51	.68	.76½	.46¾	.51	.63¾
083535	120 in.	12	16	9⅝	3⅞	28	.50	.60	.80	.90	.55	.60	.75

Bored for 1¼-in. pins. Weight, per lineal ft.: Plain, 3.3 lbs.; creosoted, 4.1 lbs.

POWER ARMS, 3½x4½ INCHES

083536	5 ft. 7 in.	4	30	14½	4	38	....	.54	.66	....	....	.50	.62
083537	8 ft.	6	30	14½	4	38	....	.72	.88	....	....	.66	.83
083538	9 ft. 2 in.	8	30	12	4	38	....	.90	1.10	....	....	.88	1.04

Bored to order. Weight, per lineal ft.: Plain, 5.3 lbs.; creosoted, 6.7 lbs.

All arms bored for one ⅝-inch center bolt unless otherwise specified.

Prices for special sizes and lengths furnished on application.

For painting, add 1 cent per lineal foot to list, except commercial grade, which are always painted.

For creosoting (full vacuum treatment) at Money Point factory and Louisiana Mills: Add to list, 4 cents per lineal foot on 3¼x4¼ and 3x4¼-inch sizes. Add to list, 3.1 cents per lineal foot on the 2¾x3¾-inch size.

Freight Rates per 100 Pounds in Carload Quantities

From Money Point To		From Mississippi Mills To		From Louisiana Mills To	
Albany, N. Y.	\$0.16½	Albany, N. Y.	\$0.33	Atlanta, Ga.	\$0.28
Atlanta, Ga.	.22	Birmingham, Ala.	.10	Birmingham, Ala.	.24
Baltimore, Md.	.08	Boston, Mass.	.37	Chicago, Ill.	.26
Boston, Mass.	.17½	Buffalo, N. Y.	.31	Cincinnati, O.	.27
Buffalo, N. Y.	.17½	Chicago, Ill.	.24	Dallas, Tex.	.17½
Chicago, Ill.	.20	Cincinnati, O.	.21	Detroit, Mich.	.30
Cincinnati, O.	.16	Cleveland, O.	.29	Columbus, O.	.30
Cleveland, O.	.16	Columbus, O.	.28	Guthrie, Okla.	.24
Columbus, O.	.16	Detroit, Mich.	.28	Houston, Tex.	.16½
Detroit, Mich.	.17	Indianapolis, Ind.	.24	Indianapolis, Ind.	.26
Harrisburg, Pa.	.10	Kansas City, Mo.	.24	Kansas City, Mo.	.24
Montreal, P. Q.	.24	Louisville, Ky.	.19	Little Rock, Ark.	.16
New York, N. Y.	.15½	Montreal, P. Q.	.37	Louisville, Ky.	.27
Philadelphia, Pa.	.09	Nashville, Tenn.	.15	Memphis, Tenn.	.14
Pittsburg, Pa.	.16	New York, N. Y.	.33	Mobile, Ala.	.20
Richmond, Va.	.08	New Orleans, La.	.06	Muskogee, Okla.	.23
Rochester, N. Y.	.15	Philadelphia, Pa.	.31	Nashville, Tenn.	.23
Syracuse, N. Y.	.15	Pittsburg, Pa.	.31	New Orleans, La.	.20
Toronto, Ont.	.23½	Rochester, N. Y.	.32½	Oklahoma, Okla.	.24
Washington, D. C.	.07	St. Louis, Mo.	.18	St. Louis, Mo.	.18

NOTE—Minimum carload quantity from Money Point, 34,000 lbs.; from Mississippi and Louisiana Mills, 34,000 lbs.

CROSS ARM BRACES



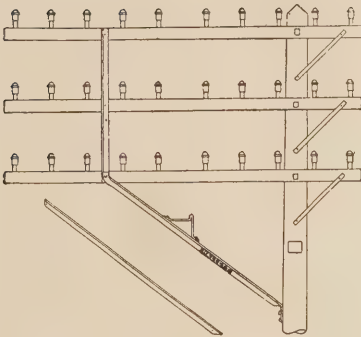
Cross Arm Brace

Trade No.	Lgth. Inches	Wt. Lbs. per 1000 Pes.	Price per 100
053744	20	1000	\$11.70
053745	22	1100	12.90
053746	24	1200	14.10



Back Brace

Trade No.	Lgth. Inches	Wt. Lbs. per 1000 Pes.	Price per 100
053747	20	1420	15.10
053748	22	1560	16.60
053749	24	1700	18.10
053750	26	1840	19.60
053751	28	1980	21.10
053752	30	2120	22.60



Alley Arm Brace

Trade No.	Lgth. Inches	Wt. Lbs. per 1000 Pes.	Price per 100
053753	20	1670	17.75
053754	22	1835	19.55
053755	24	2000	21.35
053756	26	2165	23.15
053757	28	2335	24.95
053758	30	2500	26.75

CROSS ARM BACK BRACES

Galvanized

Trade No.	Dimensions Inches	Lgth. Feet	Style	Wt. Lbs. Each	Price Each
053759	1½x ¾	4	Flat	7¾	\$0.86
053760	1½x ¾	6	Flat	11½	1.06
053761	1¾x1¾x¾	4	Angle	8½	.96
053762	1¾x1¾x¾	6	Angle	12½	1.44

Plain

Trade No.	Dimensions Inches	Lgth. Feet	Style	Wt. Lbs. Each	Price Each
053763	1½x ¾	4	Flat	7¾	.60
053764	1½x ¾	6	Flat	11½	.76
053765	1¾x1¾x¾	4	Angle	8½	.70
053766	1¾x1¾x¾	6	Angle	12½	1.05

ALLEY ARM BRACES

Dimensions Inches	Lgth. Feet	Wt. Lbs. Each	GALVANIZED Trade No.	Price Each	PLAIN Trade No.	Price Each
2 x2 x¼*	10	33½	053772	\$4.20	053778	\$3.85
2 x2 x¼†	10	32	053773	3.05	053779	2.25
1¾x1¾x¾*	7	15¾	053774	2.00	053780	1.50
1¾x1¾x¾†	7	15	053775	1.65	053781	1.25
1½x1½x½*	5	6¾	053776	1.30	053782	1.15
1½x1½x½†	5	6	053777	.95	053783	.78

*Forged end. †Straight end.



Vertical Brace

VERTICAL BRACES

1½ x 1½ x ⅝- $\frac{1}{8}$ -inch

No. Arms	Wt. per 100	Trade No.	Price Each	GALVANIZED Trade No.	Price Each
2	370	055992	\$0.28	055132	\$0.35
3	740	055993	.56	055133	.70
4	1110	055994	.84	055134	1.05

1½ x 1½ x ⅝- $\frac{1}{8}$ -inch

No. Arms	Wt. per 100	Trade No.	Price Each	GALVANIZED Trade No.	Price Each
2	200	055995	.18	055135	.24
3	400	055996	.36	055136	.48
4	600	055997	.54	055137	.72

Standard spacing 18 inches, unless otherwise ordered.

WOODEN POLE STEPS

Trade No.	Size Inches	Wt. Lbs. per 100	Price per 100
053193	Painted oak 1½x2x7	40	\$2.00

IRON POLE STEPS

Trade No.	Size Inches	Wt. Lbs. per 100	Price per 100
053194	Galvanized ⅞x9	65	4.50
053195	Plain ⅞x9	65	4.00



Wooden Pole Step



Iron Pole Step

GALVANIZED MACHINE OR THROUGH BOLTS

WITH SQUARE HEADS AND NUTS



Trade No.	Size, Inches	Price, per 100	Wt. Lbs. per 100
059852	$\frac{1}{2}$ x 8	\$9.17	50.0
059853	$\frac{1}{2}$ x 9	9.85	55.0
059854	$\frac{1}{2}$ x 10	10.53	60.0
059855	$\frac{1}{2}$ x 11	11.21	65.0
059856	$\frac{1}{2}$ x 12	11.89	71.0
059857	$\frac{1}{2}$ x 13	12.57	76.0
059858	$\frac{1}{2}$ x 14	13.25	81.0
059859	$\frac{1}{2}$ x 15	13.93	86.0
059860	$\frac{1}{2}$ x 16	14.61	91.0
059861	$\frac{1}{2}$ x 17	15.29	96.0
059862	$\frac{1}{2}$ x 18	15.97	101.0
059863	$\frac{1}{2}$ x 19	16.65	106.0
059864	$\frac{1}{2}$ x 20	17.33	111.0
059865	$\frac{5}{8}$ x 8	13.30	83.5
059866	$\frac{5}{8}$ x 9	14.30	90.5
059867	$\frac{5}{8}$ x 10	15.30	98.0
059868	$\frac{5}{8}$ x 11	16.30	105.5
059869	$\frac{5}{8}$ x 12	17.30	115.0
059870	$\frac{5}{8}$ x 13	18.30	122.5
059871	$\frac{5}{8}$ x 14	19.30	130.0
059872	$\frac{5}{8}$ x 15	20.30	139.0
059873	$\frac{5}{8}$ x 16	21.30	145.0
059874	$\frac{5}{8}$ x 17	22.30	155.0
059875	$\frac{5}{8}$ x 18	23.30	165.0
059876	$\frac{5}{8}$ x 19	24.30	175.0
059877	$\frac{5}{8}$ x 20	25.30	185.0
059878	$\frac{5}{8}$ x 21	26.30	190.0
059879	$\frac{5}{8}$ x 22	27.30	200.0
059880	$\frac{5}{8}$ x 23	28.30	209.0
059881	$\frac{5}{8}$ x 24	29.30	217.0
059882	$\frac{3}{4}$ x 8	18.00	125.0
059883	$\frac{3}{4}$ x 9	19.30	137.0
059884	$\frac{3}{4}$ x 10	20.60	148.0
059885	$\frac{3}{4}$ x 11	21.90	160.0
059886	$\frac{3}{4}$ x 12	23.20	172.0
059887	$\frac{3}{4}$ x 13	24.50	184.0
059888	$\frac{3}{4}$ x 14	25.80	196.0
059889	$\frac{3}{4}$ x 15	27.10	208.0
059890	$\frac{3}{4}$ x 16	28.40	210.0
059891	$\frac{3}{4}$ x 17	29.70	222.0
059892	$\frac{3}{4}$ x 18	31.00	234.0
059893	$\frac{3}{4}$ x 19	32.30	246.0
059894	$\frac{3}{4}$ x 20	33.60	258.0
059895	$\frac{3}{4}$ x 21	34.90	270.0
059896	$\frac{3}{4}$ x 22	36.20	282.0
059897	$\frac{3}{4}$ x 23	37.50	294.0
059898	$\frac{3}{4}$ x 24	38.80	306.0

Add 10 per cent. for button head or wing bolts for wood insulator pins. These bolts are swedged under head so as to hold in the wood pin tops.

STANDARD LENGTHS OF THREAD

$\frac{1}{2}$ " x 8" to 11" have 3" of thread.

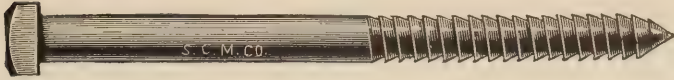
$\frac{1}{2}$ " x 12" and longer have 4" of thread.

$\frac{5}{8}$ " and $\frac{3}{4}$ " x 8" to 12" have 4" of thread.

$\frac{5}{8}$ " and $\frac{3}{4}$ " x 8" to 12" and longer have 6" of thread.

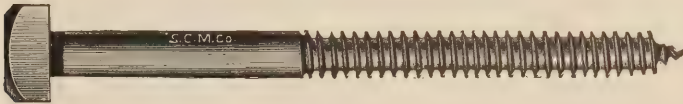
GALVANIZED LAG SCREWS AND CARRIAGE BOLTS

GALVANIZED FETTER DRIVE LAG SCREWS



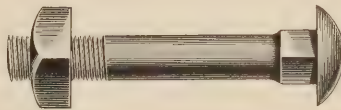
Trade No.	Size Inches	Wt. Lbs. per 100	Price per 100	Trade No.	Size Inches	Wt. Lbs. per 100	Price per 100
059762	$\frac{3}{8}$ x 2	6.6	\$2.47	059778	$\frac{1}{2}$ x 7	37.2	\$6.45
059763	$\frac{3}{8}$ x $2\frac{1}{2}$	7.9	2.77	059779	$\frac{1}{2}$ x $7\frac{1}{2}$	39.5	6.75
059764	$\frac{3}{8}$ x 3	9.1	2.97	059780	$\frac{1}{2}$ x 8	41.9	7.05
059765	$\frac{3}{8}$ x $3\frac{1}{2}$	10.4	3.17	059781	$\frac{5}{8}$ x 2	22.2	5.00
059766	$\frac{3}{8}$ x 4	11.6	3.37	059782	$\frac{5}{8}$ x $2\frac{1}{2}$	26.0	5.42
059767	$\frac{3}{8}$ x $4\frac{1}{2}$	12.9	3.57	059783	$\frac{5}{8}$ x 3	29.8	5.84
059768	$\frac{1}{2}$ x 2	13.8	3.43	059784	$\frac{5}{8}$ x $3\frac{1}{2}$	33.7	6.26
059769	$\frac{1}{2}$ x $2\frac{1}{2}$	16.1	3.73	059785	$\frac{5}{8}$ x 4	37.5	6.68
059770	$\frac{1}{2}$ x 3	18.4	4.03	059786	$\frac{5}{8}$ x $4\frac{1}{2}$	41.4	7.10
059771	$\frac{1}{2}$ x $3\frac{1}{2}$	20.8	4.33	059787	$\frac{5}{8}$ x 5	45.2	7.52
059772	$\frac{1}{2}$ x 4	23.1	4.63	059788	$\frac{5}{8}$ x $5\frac{1}{2}$	49.1	7.94
059773	$\frac{1}{2}$ x $4\frac{1}{2}$	25.5	4.93	059789	$\frac{5}{8}$ x 6	52.9	8.36
059774	$\frac{1}{2}$ x 5	27.8	5.25	059790	$\frac{5}{8}$ x $6\frac{1}{2}$	56.7	8.78
059775	$\frac{1}{2}$ x $5\frac{1}{2}$	30.2	5.55	059791	$\frac{5}{8}$ x 7	60.6	9.20
059776	$\frac{1}{2}$ x 6	32.5	5.85	059792	$\frac{5}{8}$ x $7\frac{1}{2}$	64.4	9.62
059777	$\frac{1}{2}$ x $6\frac{1}{2}$	34.8	6.15	059793	$\frac{5}{8}$ x 8	68.3	10.04

GALVANIZED GIMLET POINT LAG SCREWS



For gimlet point lag screws add 10 per cent to cost of fether drive lag screws.

GALVANIZED CARRIAGE BOLTS



059794	$\frac{3}{8}$ x 3	13.0	2.83	059803	$\frac{1}{2}$ x 3	25.5	4.63
059795	$\frac{3}{8}$ x $3\frac{1}{2}$	14.9	3.02	059804	$\frac{1}{2}$ x $3\frac{1}{2}$	28.3	4.92
059796	$\frac{3}{8}$ x 4	16.0	3.21	059805	$\frac{1}{2}$ x 4	31.0	5.25
059797	$\frac{3}{8}$ x $4\frac{1}{4}$	17.0	3.31	059806	$\frac{1}{2}$ x $4\frac{1}{2}$	33.8	5.54
059798	$\frac{3}{8}$ x $4\frac{1}{2}$	18.0	3.41	059807	$\frac{1}{2}$ x 5	36.5	5.88
059799	$\frac{3}{8}$ x $4\frac{3}{4}$	18.9	3.50	059808	$\frac{1}{2}$ x $5\frac{1}{2}$	39.3	6.21
059800	$\frac{3}{8}$ x 5	19.5	3.59	059809	$\frac{1}{2}$ x 6	42.0	6.50
059801	$\frac{3}{8}$ x $5\frac{1}{2}$	20.5	3.78	059810	$\frac{1}{2}$ x $6\frac{1}{2}$	44.8	6.85
059802	$\frac{3}{8}$ x 6	22.0	4.18	059811	$\frac{1}{2}$ x 7	47.5	7.15

TURNBUCKLES, EYE BOLTS, AND WASHERS

TURNBUCKLES



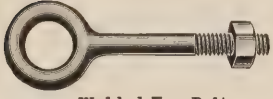
Turnbuckle with Two Eyes

Turnbuckle with Two Hooks

Turnbuckle with Hook and Eye

Trade No.	Diam. of Threaded End, In.	Expan. In.	Wt. Lbs. per 100	Price per 100	Code Word	Trade No.	Diam. of Threaded End, In.	Expan. In.	Wt. Lbs. per 100	Price per 100	Code Word
058001	1/4	3	33	\$75.00	Bhpno	058013	7/8	6	634	\$255.00	Bhpus
058002	3/8	3	40	85.00	Bhpnu	058014	7/8	9	925	295.00	Bhpvt
058003	3/8	6	75	123.00	Bhpob	058015	7/8	12	1050	320.00	Bhpux
058004	1/2	6	175	143.00	Bhpog	058016	1	6	925	345.00	Bhpve
058005	1/2	9	212	160.00	Bhpot	058017	1	9	1100	390.00	Bhpvk
058006	1/2	12	337	180.00	Bhpot	058018	1	12	1175	430.00	Bhpyb
058007	5/8	6	280	150.00	Bhpox	058019	1 1/8	6	1100	435.00	Bhpym
058008	5/8	9	337	180.00	Bhpoo	058020	1 1/8	9	1400	495.00	Bhpyt
058009	5/8	12	412	200.00	Bhpss	058021	1 1/8	12	1554	535.00	Bhpyx
058010	3/4	6	462	210.00	Bhpto	058022	1 1/4	6	1568	555.00	Bhqua
058011	3/4	9	500	235.00	Bhpuf	058023	1 1/4	9	1780	600.00	Bhque
058012	3/4	12	575	265.00	Bhpul	058024	1 1/4	12	1930	680.00	Bhquo

When ordering specify if wanted with two eyes, two hooks or hook and eye.



Welded Eye Bolt



Square Washer



Round Washer

WELDED EYE BOLTS

Trade No.	Diam. In.	Length In.	Wt. Lbs. per 100	Price per 100	Code Word	Trade No.	Diam. In.	Length In.	Wt. Lbs. per 100	Price per 100	Code Word
058025	1/2	6	56.7	\$13.40	Bhrab	058048	5/8	14	160.5	\$27.30	Bhrwo
058026	1/2	7	61.8	14.10	Bhrad	058049	5/8	15	168.7	28.40	Bhrxo
058027	1/2	8	66.9	14.85	Bhrag	058050	5/8	16	176.9	29.45	Bhryg
058028	1/2	9	72.0	15.50	Bhral	058051	5/8	17	185.1	30.45	Bhrym
058029	1/2	10	77.1	16.20	Bhrar	058052	5/8	18	193.3	31.45	Bhryx
058030	1/2	11	82.2	16.90	Bhref	058053	5/8	19	201.5	32.50	Bhsac
058031	1/2	12	87.3	17.60	Bhrev	058054	5/8	20	209.7	33.50	Bhsao
058032	1/2	13	92.4	18.30	Bhrgt	058055	3/4	6	143.0	25.90	Bhsap
058033	1/2	14	97.5	19.00	Bhria	058056	3/4	7	154.9	27.25	Bhsav
058034	1/2	15	102.6	19.70	Bhrim	058057	3/4	8	166.8	28.60	Bhsco
058035	1/2	16	107.7	20.40	Bhrma	058058	3/4	9	178.7	29.95	Bhsel
058036	1/2	17	112.8	21.10	Bhrmu	058059	3/4	10	190.6	31.30	Bhsfu
058037	1/2	18	117.9	21.80	Bhrog	058060	3/4	11	202.5	32.65	Bhsge
058038	1/2	19	123.0	22.50	Bhrok	058061	3/4	12	214.4	34.00	Bhsge
058039	1/2	20	128.0	23.20	Bhrom	058062	3/4	13	226.3	35.35	Bhsht
058040	5/8	6	94.9	19.15	Bhrot	058063	3/4	14	238.2	36.75	Bhsji
058041	5/8	7	103.1	20.10	Bhrqu	058064	3/4	15	250.1	38.25	Bhsko
058042	5/8	8	111.3	21.25	Bhrue	058065	3/4	16	262.0	39.75	Bhslo
058043	5/8	9	119.5	22.25	Bhruf	058066	3/4	17	273.9	41.10	Bhslu
058044	5/8	10	127.7	23.25	Bhruh	058067	3/4	18	285.8	42.05	Bhsma
058045	5/8	11	135.9	24.30	Bhrup	058068	3/4	19	297.7	43.50	Bhsms
058046	5/8	12	144.1	25.30	Bhrus	058069	3/4	20	309.6	44.90	Bhsno
058047	5/8	13	152.3	26.30	Bhrvi	.....	..	..	.....	.....	.....

Prices include square nut and round washers.

SQUARE WASHERS

Trade No.	Size In.	For Size Bolt, In.	Wt. Lbs. per 100	Price per 100	Code Word	Trade No.	Size In.	For Size Bolt, In.	Wt. Lbs. per 100	Price per 100	Code Word
058070	2 x 2	x 1/8	1/2	\$2.19	Bhsod	058073	3x3x 3/16	5/8-3/4	55	\$8.00	Bhsoc
058071	2 x 2	x 3/16	1/2-5/8	2.72	Bhsop	058074	4x4x 3/16	5/8-3/4	82	12.50	Bhspe
058072	2 1/4 x 2 1/4	x 3/16	5/8-3/4	3.25	Bhsor	058075	5x5x 3/16	3/4-1	135	21.70	Bhsse

ROUND WASHERS

Trade No.	Diam. Inches	Size of Hole, In.	Size of Bolt, In.	Thickness Wire Gauge	Wt. Lbs. per 100	Price per 100	Code Word
058076	1 1/4	1/2	3/8	14 (5/8)	2.32	\$.625	Bhssu
058077	1 3/8	5/16	1/2	12 (3/2)	3.85	.834	Bhsto
058078	1 1/2	11/16	5/8	10 (1 1/8)	7.69	1.69	Bhsug
058079	2	1 1/8	3/4	10 (1 1/2)	9.90	1.88	Bhsuv

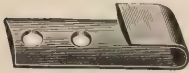
LINE MATERIAL



Guy Clamp



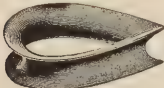
Universal Clamp



Guy Hook



Pole Shim



Thimble



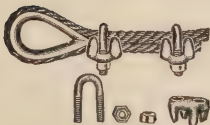
1 Bolt Messenger Clamp



Universal Messenger Clamp



Rope Clip



Crosby Cable Clip

GUY CLAMPS

Pressed Steel

Trade No.	No. Bolts	Size Inches	Size Strand Inches	Wt. Lbs. per 100	Price per 100	Code Word
058146	2	3x1 $\frac{1}{2}$ x $\frac{3}{4}$	$\frac{1}{8}$ to $\frac{7}{16}$	110	\$22.95	Bhtah
058147	3	6x1 $\frac{5}{8}$ x $\frac{3}{4}$	$\frac{3}{16}$ to $\frac{1}{2}$	210	39.60	Bhtaj

UNIVERSAL GUY CLAMPS

058148	2	3 $\frac{1}{4}$ x1 $\frac{1}{8}$ x $\frac{1}{16}$	$\frac{1}{4}$ to $\frac{7}{16}$	98	27.75	Bhtas
058149	3	5x1 $\frac{1}{8}$ x $\frac{3}{4}$	$\frac{1}{4}$ to $\frac{7}{16}$	160	38.25	Bhtat

GUY HOOKS

Trade No.	No. Bolts	Dimensions Inches	Wt. Lbs. per 100	Price per 100	Code Word
058150	2	6x1 $\frac{1}{2}$ x $\frac{3}{8}$	83	\$18.75	Bhtav

POLE SHIMS

058151	....	8x1x $\frac{3}{16}$	38	6.70	Bhtax
058152	....	8x1 $\frac{1}{4}$ x $\frac{3}{16}$	56	8.55	Bhtca

WIRE ROPE THIMBLES

Trade No.	For Size Wire Ins.	Wt. Lbs. per 100	Price per 100	Code Word
058153	$\frac{3}{16}$	2 $\frac{1}{4}$	\$5.00	Bhtel
058154	$\frac{1}{4}$	4 $\frac{1}{2}$	5.00	Bhteo
058155	$\frac{5}{16}$	5 $\frac{3}{8}$	5.85	Bhtet
058156	$\frac{3}{8}$	9 $\frac{1}{8}$	6.50	Bhtev
058157	$\frac{1}{2}$	16 $\frac{3}{8}$	7.10	Bhtex
058158	$\frac{5}{8}$	33 $\frac{7}{8}$	10.45	Bhtgi
058159	$\frac{3}{4}$	36 $\frac{7}{8}$	12.10	Bhtgu
058160	$\frac{7}{8}$	53	13.35	Bhtha

1 BOLT MESSENGER CLAMPS

Trade No.	Size Inches	Wt. Lbs. per 100	Price per 100	Code Word
058161	2 $\frac{1}{2}$ x1 $\frac{7}{8}$ x $\frac{7}{8}$	75	\$20.85	Bhths

UNIVERSAL MESSENGER CLAMPS

Trade No.	Mfrs. No.	Size Inches	Wt. Lbs. per 100	Price per 100	Code Word
058162	1	$\frac{1}{2}$ x2x6	325	\$58.35	Bhtib
058163	2	$\frac{3}{8}$ x1 $\frac{3}{4}$ x5 $\frac{1}{2}$	250	50.00	Bhtif

WIRE ROPE CLIPS

Plain

Trade No.	Size Strand Inches	Price per 100	Code Word
052392	$\frac{1}{4}$	\$11.00	Bdplu
052393	$\frac{5}{16}$	11.00	Bdpmb
052394	$\frac{3}{8}$	12.00	Bdpmt
052395	$\frac{1}{2}$	15.00	Bdpna

Galvanized

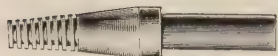
052396	$\frac{1}{4}$	15.00	Bdpne
052397	$\frac{5}{16}$	15.00	Bdpni
052398	$\frac{3}{8}$	16.00	Bdpno
052399	$\frac{1}{2}$	19.00	Bdpnu

CROSBY CABLE CLIPS

Trade No.	Diam. of Rope Inches	Price Each	Code Word
052457	$\frac{1}{4}$	\$0.35	Paeb
052458	$\frac{5}{16}$	.35	Paek
052459	$\frac{3}{8}$	.40	Pact
052460	$\frac{1}{2}$	.45	Paev
052461	$\frac{5}{8}$	.55	Pafe
052462	$\frac{3}{4}$	.65	Pafi
052463	$\frac{7}{8}$	.75	Pafu
052464	1	.85	Pafs
052465	1 $\frac{1}{8}$	.95	Paft
052466	1 $\frac{1}{4}$	1.10	Pafu
052467	1 $\frac{3}{8}$	1.25	Paga
052468	1 $\frac{1}{2}$	1.50	Page

PINS AND BRACKETS

WOOD PINS



No. 053198

Trade No.	Size Inches	Oak Painted		Price per 1000	Code Word
		Sack Contains	Wt. Lbs. per 100		
053196	1 1/4 x 8	250	300	\$10.50	Dnda
053197	1 1/2 x 9	250	400	12.50	Dneb
Locust, Not Painted					
053198	1 1/4 x 8	250	300	19.00	Dnel
053199	1 1/2 x 9	250	400	26.00	Dnet

TRANSPPOSITION PINS



No. 053206

Trade No.	Size Inches	Oak Painted		Price per 1000	Code Word
		Sack Contains	Wt. Lbs. per 100		
053200	1 1/4 x 8	250	350	12.00	Dnew
053201	1 1/2 x 9	250	450	17.00	Dnfi
Locust, Not Painted					
053202	1 1/4 x 8	250	350	22.00	Dnfo
053203	1 1/2 x 9	250	450	30.00	Dnft

For use in connection with transposition glass insulators. Made from selected stock and with extra long thread.

DUPLEX PINS

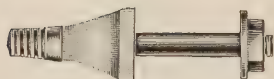


No. 053208

Trade No.	Size Inches	Oak Painted		Price per 1000	Code Word
		Sack Contains	Wt. Lbs. per 100		
053204	1 1/4 x 11 1/2	250	450	21.00	Dngs
053205	1 1/2 x 13	250	550	30.00	Dngu
Locust, Not Painted					
053206	1 1/4 x 11 1/2	250	450	40.00	Dhne
053207	1 1/2 x 13	250	550	60.00	Dnho

For use in connection with duplex pony and duplex deep groove insulators.

WOOD CORNER PINS



No. 053210

Trade No.	Size Inches	Size Bolts Inches	Price per 100	Code Word
053208	1 1/4	7/16	\$70.00	Dnib
053209	1 1/2	7/16	75.00	Dnif

PORCELAIN BASE PINS



No. 053212

Trade No.	Size Inches	Size Bolts Inches	Price Each	Code Word
053210	1 1/2 x 9 1/2	1 1/2	\$0.15 1/2	Dnil
053211	1 1/2 x 10 1/2	1 1/2	.16 1/2	Dnis

The porcelain base pins are designed for high volt, age insulators. Upper or screw portion is of locust-boiled in paraffine; lower portion is highly glazed and vitrified porcelain.

STEEL PINS

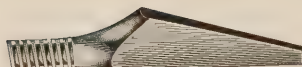
Plain Bolts

Trade No.	Size Bolts Inches	Std. Pkg.	Price per 100	Code Word
053212	1 1/2	65	\$3.00	Dniv
053213	5/8	75	4.00	Dnja

Galvanized Bolts

Trade No.	Size Bolts Inches	Std. Pkg.	Price per 100	Code Word
053214	1 1/2	65	3.90	Dnje
053215	5/8	75	5.15	Dnjo

WOOD BRACKETS



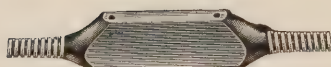
No. 053216

Trade No.	Mfrs. No.	Size Inches	Oak Painted		Price per 1000	Code Word
			Sack Contains	Wt. Lbs. per 100		
053216	1	1 1/2 x 2 x 12	250	700	\$18.50	Bctpi
053217	2	2 x 2 1/4 x 12	250	1000	28.00	Betto
053218	3	1 1/2 x 2 1/4 x 12	250	800	20.00	Bctue
053219	4	1 1/2 x 2 x 10	250	500	16.50	Betuh

W. U. Unpainted

Trade No.	Mfrs. No.	Size Inches	Sack Contains	Wt. Lbs. per 100	Price per 1000	Code Word
053220	2	2 x 2 3/8 x 12	100	1100	30.00	Bctuv

DUPLEX BRACKETS



No. 053221

Trade No.	Mfrs. No.	Size Inches	Oak Painted		Price per 1000	Code Word
			Sack Contains	Wt. Lbs. per 100		
053221	1	1 1/2 x 2 x 16	100	1000	36.00	Bctvo

BROOKFIELD GLASS INSULATORS



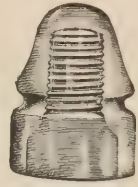
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No. 013457



No. 013458



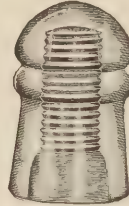
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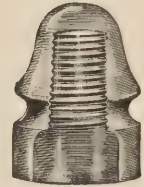
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No. 013461



No. 013462



No. 013463



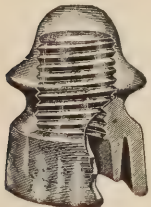
No. 013464



No. 013465



No. 013466



No. 013467

PONY

Trade No.	Diameter at Base Inches	Height Inches	Weight per 1000 Packed, Lbs.	Std. Pkg.	Price per 100	Code Word
013456	2 1/4	3 1/2	740	350	\$2.50	Fnbi

PONY DOUBLE PETTICOAT

013457	2 3/8	3 1/2	950	275	3.30	Fnce
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PONY DOUBLE GROOVE

013458	2 1/4	3 5/8	760	340	2.50	Fnda
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REGULAR

013459	2 3/4	3 3/8	1100	250	4.00	Fneb
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DOUBLE PETTICOAT 20 OZ.

013460	3	4	1500	165	4.00	Fnel
--------	---	---	------	-----	------	------

LONG DISTANCE

013461	2 3/8	3 3/4	1050	225	4.20	Fnet
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WESTERN UNION SINGLE PETTICOAT

013462	2 5/8	4 3/8	1450	200	5.40	Fnew
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DEEP GROOVE

013463	2 3/4	4	1275	200	4.50	Fnfi
--------	-------	---	------	-----	------	------

WESTERN UNION DOUBLE PETTICOAT 22 OZ.

013464	3 1/4	4 3/8	1700	200	5.80	Fnfo
--------	-------	-------	------	-----	------	------

LARGE DOUBLE GROOVE

013465	2 7/8	4 1/2	1700	165	8.30	Fnft
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DEEP GROOVE DOUBLE PETTICOAT

013466	3	4	1475	175	5.00	Fngs
--------	---	---	------	-----	------	------

EXTRA DEEP GROOVE DOUBLE PETTICOAT

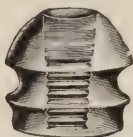
013467	3 3/8	4 3/8	1550	165	5.00	Fngu
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The above insulators can be furnished, made either in porcelain or glass, at the same prices. Glass will be shipped unless otherwise ordered.

BROOKFIELD GLASS INSULATORS



No. 013468



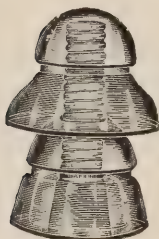
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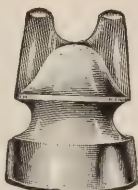
No. 013470



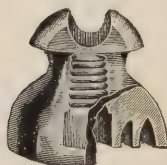
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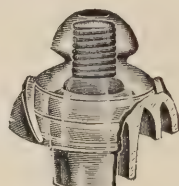
No. 013472



No. 013473



No. 013474



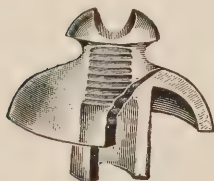
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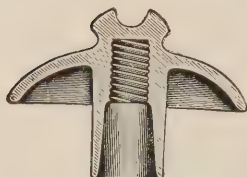
No. 013476



No. 013477



No. 013478



No. 013479

Trade No.	Diam. Inches	Height Inches	Weight, per 1000 Packed, Lbs.	Std. Pkg.	Price per 100	Code Word
013468	2 3/8	2 1/4	750	350	\$4.00	Axloj

For use on the lower end of a duplex pin or bracket.

BROWN DEEP GROOVE						
Trade No.	Diam. Inches	Height Inches	Weight, per 1000 Packed, Lbs.	Std. Pkg.	Price per 100	Code Word
013469	2 3/4	2 1/2	950	250	4.50	Axloo

No. 14 LOCKE ONE-PIECE TRANSPPOSITION						
Trade No.	Diam. of Flange Inches	Height Inches	Weight per 1000 Packed, Lbs.	Std. Pkg.	Price per 100	Code Word
013470	3 1/2	4 1/4	2250	100	\$13.00	Axlop

CABLE						
Trade No.	Diam. Inches	Height Inches	Weight per 1000 Packed, Lbs.	Std. Pkg.	Price per 100	Code Word
013471	3 1/2	5 1/4	2100	110	\$9.30	Axlpj

Takes up to 1-inch cable.

TWO-PIECE TRANSPPOSITION						
Trade No.	Weight per 1,000 Pairs Packed, Lbs.	Std. Pkg.	Price per 100	Code Word		
013472	2,000	125	\$13.35	Axira		

Requires special pin.

NEW JUMBO						
Trade No.	Diam. Ins.	Height Ins.	Weight per 1000 Packed, Lbs.	Std. Pkg.	Price per 100	Code Word
013473	5	7	6315	33	\$36.00	Axlss

Requires special pin. Takes 2-inch cable in saddle.

No. 20. LOCKE TRIPLE PETTICOAT						
Trade No.	Diam. Ins.	Height Ins.	Weight per 1000 Packed, Lbs.	Std. Pkg.	Price per 100	Code Word
013474	4 1/2	4	2560	125	12.00	Axlte

Groove top or side, one inch. Guaranteed voltage, 10,000.

"MERSHON" TRIPLE PETTICOAT						
Trade No.	Diam. Ins.	Height Ins.	Weight per 1000 Packed, Lbs.	Std. Pkg.	Price per 100	Code Word
013475	5 1/2	5	3580	50	20.00	Axlth

Surface distance 8 1/2 inches. Guaranteed voltage, 20,000.

No. 16 LOCKE TRIPLE PETTICOAT						
Trade No.	Diam. Ins.	Height Ins.	Weight per 1000 Packed, Lbs.	Std. Pkg.	Price per 100	Code Word
013476	6	4 1/2	4325	40	21.25	Axlrf

Groove 1 1/4 inches. Guaranteed voltage, 25,000.

No. 17 LOCKE TRIPLE PETTICOAT						
Trade No.	Diam. Ins.	Height Ins.	Weight per 1000 Packed, Lbs.	Std. Pkg.	Price per 100	Code Word
013477	7	5	7535	33	26.25	Axlug

Groove 1 1/2 inches. Guaranteed voltage, 40,000.

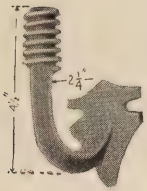
No. 19 LOCKE						
Trade No.	Diam. Ins.	Height Ins.	Weight per 1000 Packed, Lbs.	Std. Pkg.	Price per 100	Code Word
013478	7 1/2	6	7000	30	23.13	Axlll

Groove 1 3/16 inches. Guaranteed voltage, 45,000.

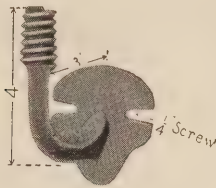
No. 23 LOCKE						
Trade No.	Diam. Ins.	Height Ins.	Weight per 1000 Packed, Lbs.	Std. Pkg.	Price per 100	Code Word
013479	9	6	9450	20	37.50	Axlum

Groove 1 1/2 inches. Guaranteed voltage, 50,000.

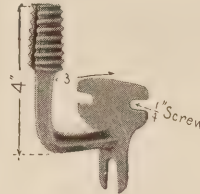
MALLEABLE IRON BRACKETS



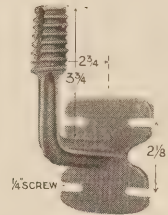
No. 40



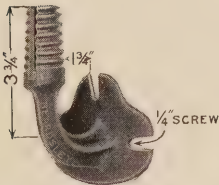
No. 41



No. 42



No. 43



No. 44

Trade
No.
064190

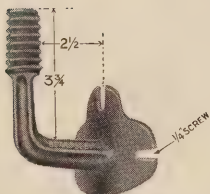
Wt. Lbs.
per 100
90

No. 40

Price
per 100
\$18.00

Code
Word
Asfcu

This window bracket is designed for a low priced malleable iron hook. Is fastened either by spikes or screws, especially adapted for light work. Hollow, double slotted insulator head.



No. 45

064191

100

No. 41

20.00

Asfda

Similar to No. 40, has a larger base and is heavier, can be fastened with spikes or screws. Hollow, double slotted insulator head.

064192

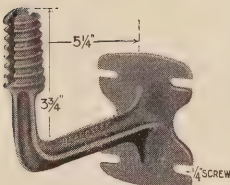
80

No. 42

14.00

Asfde

While similar to Nos. 40 and 41, it is a trifle lighter than either. Can be fastened with spikes or screws. Hollow, double slotted insulator head.



No. 46

064193

100

No. 43

17.00

Asfeb

This bracket is similar to No. 42, but heavier and can be fastened with four spikes or screws instead of three. Hollow, double slotted insulator head.

064194

110

No. 44

28.00

Asfek

Wall bracket with large base similar to No. 41 except can be fastened with three spikes or screws instead of two. Hollow, double slotted insulator head.

064195

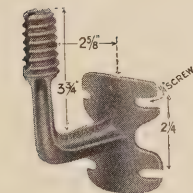
85

No. 45

28.00

Asfel

This bracket is similar to No. 44 with the exception that the base is curved for use on pole. Fastens with three spikes or screws. Hollow, double slotted insulator head.



No. 47

064196

140

No. 46

28.00

Asfem

Corresponds in design with No. 43, but is heavier and larger and affords more clearance from insulator to base. Can be fastened with four spikes or screws. Hollow, double slotted insulator head.

064197

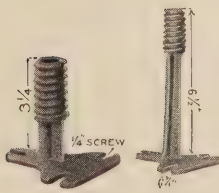
75

No. 47

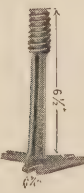
17.00

Asfft

This bracket is like No. 43, but has a curved instead of flat base. Designed for use on pole. Fastens with four spikes or screws. Hollow, double slotted insulator head.



No. 48



No. 49

064198

60

No. 48

12.00

Asfge

A short bracket for roofs, tops of cross arms, etc. Can be firmly fastened with three spikes or screws. Hollow, double slotted insulator head.

064199

78

No. 49

15.00

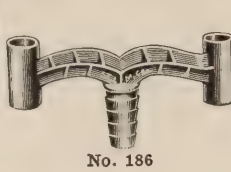
Asfgo

Similar to No. 48 bracket, excepting higher to give wire more clearance. Suitable for roofs, tops of cross arms, etc. Fastens with three spikes or screws. Hollow, double slotted insulator head.

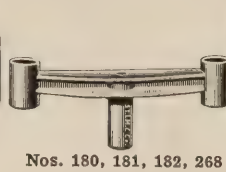
MALLEABLE IRON SPREADER ARMS



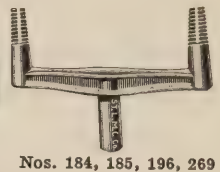
Nos. 187, 188



No. 186



Nos. 180, 181, 182, 268



Nos. 184, 185, 196, 269

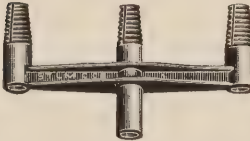
SPREADER ARMS.



No. 260



Nos. 197, 262



Nos. 266, 267



No. 263



Nos. 264, 265



No. 280



Spreader Arm
with Way Bracket

Trade No.	Mfg. No.		Size Spd. Pins	Wgt. 100	PRICE PER 100 Jap.	Gal.	Code Word
012311	187	With insertion.	14 1 1/4	420	\$32.00	\$42.00	Pujac
012356	187B	No insertion...	14 1 1/4	405	30.00	40.00	Pdouc
012312	188	With insertion.	14 1 1/2	420	32.00	42.50	Paxue
012357	188B	No insertion...	14 1 1/2	405	30.00	40.00	Penyc
012310	186	(F2001).....	14 1 1/2	440	32.00	43.00	Pityc
012355	186B	.....	14 1 1/4	400	29.00	39.00	Pavyc
017700	260	.....	12 1 1/4	400	32.00	48.00	Yybaf
017701	260C	Gray (F1081) ..	12 1 1/2	500	32.00	50.00	Yogaf
017702	261	.....	12 1 1/4	400	32.00	48.00	Yuhaf
017703	261C	Gray (F1081) ..	12 1 1/2	500	32.00	50.00	Yakaf
012306	180	.....	12 1 1/2	450	32.00	43.25	Pubad
012383	180C	Gray (F1001) ..	12 1 1/2	645	32.00	49.00	Pofad
012307	181	.....	12 1 1/4	370	28.00	37.00	Pwiad
012384	181C	Gray (F1031) ..	12 1 1/4	525	32.00	45.00	Pmad
017704	182	.....	18 1 1/2	700	42.00	68.00	Yeuaf
017705	182C	Gray (F3001) ..	18 1 1/2	830	42.00	70.00	Ydyaf
017706	183	.....	18 1 1/4	700	42.00	68.00	Ywhef
017707	183C	Gray (F3005) ..	18 1 1/4	830	42.00	70.00	Yylef
017708	268	.....	24 1 1/2	900	55.00	85.00	Yupef
017709	268C	Gray (F3008) ..	24 1 1/2	1100	55.00	85.00	Ybref
017710	262	With insertion.	12 1 1/2	400	32.00	48.00	Yduet
017711	262B	No insertion...	12 1 1/2	400	30.00	46.00	Yaxef
017712	262C	Gray (F1082) ..	12 1 1/2	510	30.00	48.00	Yoaif
017713	197	With insertion.	18 1 1/2	550	42.00	60.00	Yebif
017714	197B	No insertion...	18 1 1/2	550	40.00	58.00	Yufif
017714	197C	Gray (F3009) ..	18 1 1/2	685	40.00	60.00	Yinif
012308	184	With insertion.	12 1 1/4	400	32.00	42.00	Pload
012353	184B	No insertion...	12 1 1/4	400	30.00	40.00	Pbrad
012385	184C	Gray (1032)...	12 1 1/4	565	30.00	44.00	Puedd
012309	185	With insertion.	12 1 1/2	410	32.00	42.25	Pybed
012354	185B	No insertion...	12 1 1/2	410	30.00	40.25	Pifid
012386	185C	Gray (F1002) ..	12 1 1/2	580	30.00	44.50	Pogid
017715	196	With insertion.	18 1 1/2	580	42.00	60.00	Ytif
017716	196B	No insertion...	18 1 1/2	580	40.00	58.00	Ywilf
017717	196C	Gray (F3002) ..	18 1 1/2	720	40.00	60.00	Yuolf
017718	269	With insertion.	24 1 1/2	900	54.00	84.00	Ybulf
017719	269B	No insertion...	24 1 1/2	900	52.00	82.00	Yidof
017720	269C	Gray (F3007) ..	24 1 1/2	1100	52.00	82.00	Ydeof
017721	266	With insertion.	16 1 1/4	600	48.00	68.00	Yygaf
017722	266B	No insertion...	16 1 1/4	600	45.00	71.00	Yejof
017723	266C	Gray (F3000) ..	16 1 1/4	800	45.00	75.00	Ywuof
017724	267	With insertion.	16 1 1/2	600	48.00	68.00	Yavof
017725	267B	No insertion...	16 1 1/2	600	45.00	71.00	Ybyof
017726	267C	Gray (F3003) ..	16 1 1/2	800	45.00	75.00	Yyarf
017727	263	With insertion.	18 1 1/2	850	59.00	90.00	Yyduf
017728	263B	No insertion...	18 1 1/2	850	56.00	87.00	Ybeuf
017729	263C	Gray (F3006) ..	18 1 1/2	1060	56.00	94.00	Yeluf
017730	264	.....	18 1 1/2	800	72.00	100.00	Yimuf
017731	264C	Gray (3011)....	18 1 1/2	1000	72.00	110.00	Yanuf
017732	265	.....	18 1 1/2	800	72.00	100.00	Yopuf
017733	265C	Gray (3012)....	18 1 1/2	1000	72.00	110.00	Yuruf

SPREADER ARMS FOR POLE TOPS

017734	280	With insertion.	14 ...	370	29.00	43.00	Ywyuf
017735	280B	No insertion...	14 ...	370	27.00	41.00	Yofyf
017736	280C	Gray (F1003) ..	14 ...	500	27.00	43.00	Yuiyf

SPREADER ARMS WITH WAY BRACKETS

This illustration shows the manner in which we add the Way Brackets to all Feeder Arms. Add to all list prices on patterns shown herewith, per 100, Jap., \$14.00; Gal., \$20.00.

SPLICING SLEEVES AND INSULATORS

BRASS SPLICING SLEEVES



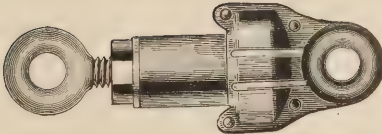
Splicing Sleeve



No. 4820



No. 4850



No. 4858

Trade No.	Mfrs. No.	For Round Wire			Price per 100	Code Word
		Size Wire	SIZE, INCHES	Stud		
064459	6600	0	10	$\frac{5}{8}$	\$87.50	Asmki
064460	6601	0	15	$\frac{5}{8}$	112.50	Asmko
064461	6617	0	18	$\frac{11}{16}$	150.00	Asmks
064462	6602	00	10	$\frac{5}{8}$	87.50	Asmle
064463	6603	00	16	$\frac{5}{8}$	112.50	Asmoa
064464	6604	00	18	$\frac{11}{16}$	150.00	Asmoc
064465	6605	000	11	$\frac{3}{4}$	125.00	Asmod
064466	6606	000	18	$\frac{3}{4}$	175.00	Asmok
064467	6607	000	18	$\frac{7}{8}$	212.50	Asmom
064468	6608	0000	12	$\frac{7}{8}$	162.00	Asmos
064469	6609	0000	20	$\frac{7}{8}$	225.00	Asmow
For Grooved Wire						
064470	6610	00	11	$\frac{3}{4}$	125.00	Asmpt
064471	6611	00	18	$\frac{3}{4}$	175.00	Asmru
064472	6612	00	18	$\frac{7}{8}$	212.50	Asmth
064473	6613	000	12	$\frac{7}{8}$	162.00	Asmts
064474	6614	000	20	$\frac{7}{8}$	225.00	Asmub
064475	6615	0000	12	$\frac{7}{8}$	162.50	Asmuf
064476	6616	0000	20	$\frac{7}{8}$	225.00	Asmuh

COPPER SPLICING SLEEVES

For Round Wire						
Trade No.	Mfrs. No.	Size Wire	SIZE, INCHES	Stud	Price per 100	Code Word
064477	6620	0	10	$\frac{5}{8}$	112.50	Asmul
064478	6621	0	15	$\frac{5}{8}$	137.50	Asmur
064479	6637	0	18	$\frac{11}{16}$	175.00	Asmwi
064480	6622	00	10	$\frac{5}{8}$	112.50	Asmyk
064481	6623	00	16	$\frac{5}{8}$	137.50	Asmyp
064482	6624	00	18	$\frac{11}{16}$	175.00	Asmys
064483	6625	000	11	$\frac{3}{4}$	150.00	Asnah
064484	6626	000	18	$\frac{3}{4}$	200.00	Asnaj
064485	6627	000	18	$\frac{7}{8}$	237.50	Asnak
064486	6628	0000	12	$\frac{7}{8}$	187.50	Asnap
064487	6629	0000	20	$\frac{7}{8}$	250.00	Asnav
For Grooved Wire						
064488	6630	00	11	$\frac{3}{4}$	150.00	Asnaw
064489	6631	00	18	$\frac{3}{4}$	200.00	Asnbi
064490	6632	00	18	$\frac{7}{8}$	237.50	Asnce
064491	6633	000	12	$\frac{7}{8}$	187.50	Asnda
064492	6634	000	20	$\frac{7}{8}$	250.00	Asneb
064493	6635	0000	12	$\frac{7}{8}$	187.50	Asnel
064494	6636	0000	20	$\frac{7}{8}$	250.00	Asnet

BROOKLYN STRAIN INSULATORS

With $\frac{3}{4}$ -inch Screw and 3-inch Take-Up

Trade No.	Mfrs. No.		Finish	Price per 100	Code Word
064495	4820	M. I. body and shackle, steel eye bolt	Jap.	\$137.50	Asnew
064496	4821	M. I. body and shackle, steel eye bolt	Galv.	137.50	Asnfd
064497	4822	M. I. body and shackle, bronze eye bolt	Jap.	167.50	Asnfo
064498	4823	M. I. body and shackle, bronze eye bolt	Galv.	167.50	Asnft
064499	4824	Bronze body, M. I. shackle, steel eye bolt	Jap.	185.00	Asngs
064500	4825	Bronze body, M. I. shackle, steel eye bolt	Galv.	185.00	Asngu
064501	4826	Bronze body, and shackle steel eye bolt	.....	200.00	Asnhe
064502	4827	All parts metal bronze	.....	237.50	Asnho

With $\frac{3}{4}$ -inch Screw and 4-inch Take-Up

064503	4850	M. I. body and shackle, steel eye bolt	Jap.	260.00	Asnib
064504	4851	M. I. body and shackle, steel eye bolt	Galv.	260.00	Asnif
064505	4852	Bronze body, M. I. shackle, steel eye bolt	Jap.	320.00	Asnil
064506	4853	Bronze body, M. I. shackle, steel eye bolt	Galv.	320.00	Asnis
064507	4854	Bronze body and shackle, steel eye bolt	.....	385.00	Asniv
064508	4855	All metal parts bronze		425.00	Asnja

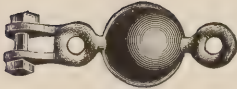
With 1 $\frac{1}{8}$ -inch, 4 $\frac{1}{2}$ -Inches Take-Up

064509	4858	All metal parts bronze		1650.00	Asnje
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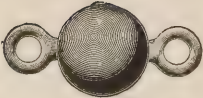
STRAIN INSULATORS



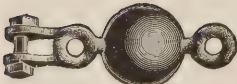
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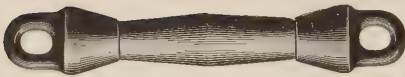
No. 4720



No. 4740



No. 4750



No. 4760



No. 4764



No. 4766

GLOBE STRAIN INSULATORS
With Malleable Iron Terminals

Trade No.	Mfrs. No.	Diam. Inches	Finish	Price per 100	Code Word
064510	4700	2	Japanned	\$50.00	Aslth
064511	4701	2	Galvanized	50.00	Asluf
064512	4702	2 1/4	Japanned	55.00	Aslug
064513	4703	2 1/4	Galvanized	55.00	Aslul
064514	4704	2 1/2	Japanned	60.00	Aslum
064515	4705	2 1/2	Galvanized	60.00	Aslus
064516	4706	2 3/4	Japanned	70.00	Aslux
064517	4707	2 3/4	Galvanized	70.00	Asluy
064518	4708	3	Japanned	112.50	Aslve
064519	4709	3	Galvanized	112.50	Aslwa

With Bronze Terminals

064520	4740	2	.....	62.50	Asmbo
064521	4741	2 1/4	.....	68.75	Asmbu
064522	4742	2 1/2	.....	75.00	Asmdu
064523	4743	2 3/4	.....	87.50	Asmeg
064524	4744	3	.....	140.00	Asmek

GLOBE STRAIN INSULATORS WITH CLEVIS
With Malleable Iron Terminals

064525	4720	2	Japanned	60.00	Aslxe
064526	4721	2	Galvanized	60.00	Aslyk
064527	4722	2 1/4	Japanned	65.00	Aslym
064528	4723	2 1/4	Galvanized	65.00	Aslys
064529	4724	2 1/2	Japanned	70.00	Asmad
064530	4725	2 1/2	Galvanized	70.00	Asmal
064531	4726	2 3/4	Japanned	85.00	Asmar
064532	4727	2 3/4	Galvanized	85.00	Asmat
064533	4728	3	Japanned	127.50	Asmav
064534	4729	3	Galvanized	127.50	Asmax

With Bronze Terminals

064535	4750	2	.....	75.00	Asmep
064536	4751	2 1/4	.....	81.25	Asmev
064537	4752	2 1/2	.....	87.50	Asmey
064538	4753	2 3/4	.....	106.25	Asmfa
064539	4754	3	.....	160.00	Asmfe

WOOD STRAIN INSULATORS
With Two Eyes

Trade No.	Mfrs. No.	Smallest Insulation Diam. Ins.	Length Inches	Finish	Price per 100	Code Word
064540	4760	1	5	Jap.	\$50.00	Asmfk
064541	4761	1 1/4	5	Jap.	60.00	Asmga
064542	4762	1	14	Jap.	70.00	Asmge
064543	4763	1 1/4	14	Jap.	85.00	Asmgo

With Eye and Clevis

064544	4764	1	5	Jap.	60.00	Asmha
064545	4765	1 1/4	5	Jap.	70.00	Asmiw

With Eye and Tapped End

064546	4766	1	5	Jap.	55.00	Asmjd
064547	4767	1 1/4	5	Jap.	65.00	Asmkb

IRON WOOD SCREWS



Round Head



Flat Head

PRICE PER GROSS

No. Screw	LENGTH OF SCREW, INCHES						1	1¼	1½	1¾
	¼	½	¾	1	1¼	1½				
0	\$0.72	\$0.72	....	....	....	....	....	....	....	....
1	.72	.72	.72	.72	....	....	....	....	....	....
2	.72	.72	.72	.72	.72	.74	....	....	....	....
3	.72	.72	.72	.72	.75	.78	.80	.88	.98	....
4	.72	.72	.75	.75	.78	.82	.84	.92	1.05	....
5	....	.75	.78	.78	.82	.85	.87	.98	1.10	1.30
6	....	.78	.80	.82	.85	.90	.92	1.05	1.15	1.35
7	....	.82	.84	.86	.90	.94	.98	1.10	1.20	1.45
8	....	.88	.90	.92	.95	1.00	1.05	1.15	1.30	1.50
9	....	.94	.96	.98	1.00	1.05	1.10	1.20	1.35	1.55
10	....	....	1.05	1.07	1.10	1.15	1.20	1.30	1.40	1.60
11	....	....	1.10	1.12	1.15	1.25	1.30	1.40	1.50	1.70
12	....	....	1.20	1.20	1.25	1.35	1.40	1.55	1.65	1.80
13	....	....	....	1.25	1.35	1.45	1.60	1.70	1.80	2.00
14	....	....	....	1.30	1.50	1.55	1.70	1.90	2.00	2.25
15	....	....	....	....	1.65	1.75	2.00	2.15	2.35	2.60
16	....	....	....	....	1.80	2.00	2.50	2.50	2.80	2.90
17	....	....	....	....	....	....	2.70	2.75	3.20	3.50
18	....	....	....	....	....	....	2.80	3.30	3.80	4.00
20	....	....	....	....	....	....	3.50	4.00	4.30	4.50
22	....	....	....	....	....	....	....	4.80	5.10	5.20
24	....	....	....	....	....	....	....	5.40	5.90	6.00

No. Screw	LENGTH OF SCREW, INCHES						4	4½	5	6
	2	2¼	2½	2¾	3	3½				
5	\$1.45	\$1.55	\$1.90	....	....	....	....	....	....	....
6	1.50	1.60	2.00	2.40	2.95	....	....	....	....	....
7	1.55	1.65	2.10	2.60	3.00	....	....	....	....	....
8	1.60	1.75	2.20	2.70	3.05	3.90	4.90	....	....	....
9	1.65	1.85	2.30	2.80	3.10	4.00	5.10	....	....	....
10	1.75	1.95	2.40	2.90	3.15	4.10	5.20	....	....	....
11	1.85	2.05	2.50	3.00	3.20	4.20	5.30	....	....	....
12	2.00	2.20	2.60	3.10	3.30	4.30	5.40	7.00	8.10	10.00
13	2.20	2.35	2.70	3.20	3.40	4.40	5.60	7.20	8.30	10.30
14	2.45	2.65	2.90	3.30	3.50	4.50	5.90	7.60	8.60	11.00
15	2.75	3.10	3.30	3.60	3.80	4.75	6.20	7.85	9.10	11.60
16	3.10	3.50	3.65	3.90	4.20	4.95	6.50	8.15	9.70	12.40
17	3.70	3.85	4.20	4.50	4.80	5.40	7.00	8.60	10.10	13.00
18	4.20	4.55	4.70	5.00	5.50	6.15	7.60	9.15	11.00	14.50
20	4.80	5.30	5.80	6.10	6.50	7.30	8.60	9.85	11.50	16.00
22	5.50	6.10	6.70	7.20	7.50	8.70	9.70	11.20	13.00	18.00
24	6.40	6.90	7.50	8.50	8.70	10.20	11.20	13.50	15.00	20.00
26	....	....	....	....	10.50	12.00	14.00	16.00	18.00	23.00
28	....	....	....	....	....	....	16.00	18.50	21.00	27.00
30	....	....	....	....	....	....	18.50	21.50	24.00	30.50

DIAMOND EXPANSION BOLTS



Malleable Shield
with Square Head Lag Screw



One Part Composition Shield
with Round Head Iron Screw

MALLEABLE SHIELDS WITH SQUARE HEAD LAG SCREWS

Length Inches	INSIDE DIAMETER, INCHES										Code Word for Length
	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/4	
1 1/2	\$10.13	\$11.60	.....	.....	.....	.....	.....	.....	.....	.....	Faimo
2	10.85	11.65	.....	.....	.....	.....	.....	.....	.....	.....	Fujmo
2 1/2	11.00	11.85	15.90	20.30	24.15	31.70	48.30	.....	.....	.....	Fympo
3	11.25	12.00	16.10	20.50	24.45	32.10	48.85	.....	.....	.....	Feumo
4	11.50	12.35	16.40	20.80	25.35	32.90	50.00	.....	.....	.....	Fedno
5	11.85	12.65	16.90	21.15	25.90	33.75	51.05	.....	.....	.....	Fyyno
6	12.20	13.00	17.35	21.50	26.45	34.60	52.20	68.90	79.55	.....	Fojno
7	.....	13.30	17.65	21.80	27.00	35.40	53.30	70.00	81.65	.....	Fulno
8	.....	.....	18.00	22.15	27.55	36.25	54.45	71.10	83.70	174.45	Fipno
9	.....	.....	.....	22.50	28.10	37.10	55.55	72.20	85.75	181.10	Folek
10	.....	.....	.....	.....	.....	37.95	56.65	73.30	87.75	187.75	Fasno
11	.....	.....	.....	.....	.....	38.80	57.75	74.40	89.90	194.45	Faloo
12	.....	.....	.....	.....	.....	39.60	58.90	75.55	92.00	201.10	Fuepo

Malleable Shields, Only

Price per 100	9.40	10.50	13.35	17.75	22.00	27.80	39.95	53.30	66.00	100.00	Favro
Code for Dia.	Fajpo	Foppo	Fixpo	Fakro	Funro	Fouto	Fequo	Fitto	Festo	Fapto	

ONE PART COMPOSITION SHIELDS WITH IRON SCREWS

Complete with Either Flat, Round Head or Oval Bright Iron Screws

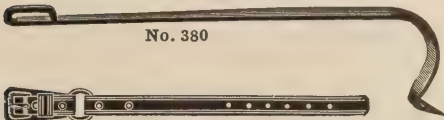
Diam. Anchor	Length Shield	Size Screws	LENGTH SCREWS					Code Word
			3/4	1	1 1/2	2	2 1/2	
1/8	1	5-6-7	\$4.60	\$4.65	\$4.70	.....	.....	Folop
3/16	1	8-9-10-11	5.25	5.30	5.35	5.40	.....	Fasop
1/4	1	12-13-14	5.90	5.95	6.05	6.10	.....	Futop
5/16	1	15-16-17-18	.....	6.85	7.10	7.20	7.30	Faopp
Code for Length			Fwisip	Furev	Ftyev	Fawev	Fwemp	

ONE PART COMPOSITION SHIELDS, ONLY

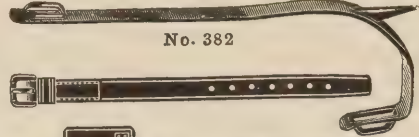
Trade No.	Inside Diam. Shield Ins.	Length of Shield Ins.	Outside Diam. Ins.	No. Screw	Price per 100	Code Word
07620	1/8	1 1/2	1 1/4	5-6-7	\$4.40	Fymvo
07621	1/8	5/8	1 1/4	5-6-7	4.40	Fupvo
07622	1/8	3/4	1 1/4	5-6-7	4.40	Fatvo
07623	3/16	1 1/2	1 1/4	8-9-10-11	5.00	Fewvo
07624	3/16	3/4	5/8	8-9-10-11	5.00	Farvo
07625	3/16	1	5/8	8-9-10-11	5.00	Furxo
07626	3/16	1	3/8	8-9-10-11	5.00	Faoyo
07627	3/16	1 5/8	2/16	9-10-11	6.25	Fohap
07628	1/4	1 1/2	3/8	12-13-14	5.60	Fidap
07629	1/4	3/4	3/8	12-13-14	5.60	Fblap
07630	1/4	1	3/8	12-13-14	5.60	Fynap
07631	1/4	1 1/2	3/8	12-13-14	6.75	Fesap
07632	1/4	2	3/8	12-13-14	7.80	Favap
07633	1/4	2 1/2	3/8	12-13-14	8.95	Facep
07634	5/16	3/4	2/16	15-16-17-18	6.25	Fumep
07635	5/16	1	2/16	15-16-17-18	6.25	Fyvep
07636	5/16	1 3/8	1/2	15-16-17-18	7.20	Fiwep
07637	5/16	1 1/2	7/16	15-16-17-18	7.50	Fekip
07638	5/16	2	7/16	15-16-17-18	8.75	Fupip
07639	3/8	1 1/4	9/16	22-23-24	8.25	Faxip
07640	3/8	2	9/16	22-22-24	9.50	Fbolp
07641	1/2	2	3/4	26-28-30	14.50	Fdulp
07642	5/8	2	7/8	5/8-in. Lag	18.00	Fwylp
07643	5/8	3 1/2	7/8	5/8-in. Lag	21.00	Fbamp

Put up in wooden boxes 100 to a box.

CLIMBERS AND BELTS



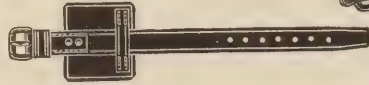
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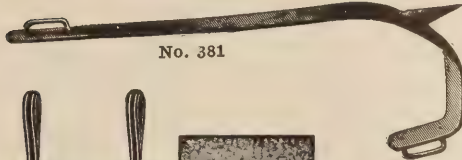
No. 382



No. 380A



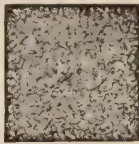
No. 382A



No. 381



No. 62



No. 382E

WESTERN CLIMBERS

Trade No.	Mfrs. No.		Price per Pair	Code Word
046097	380	Without straps...	\$3.50	Gint
046098	1380	Nickel plated.....	5.70	Ginu

Made in lengths from 15 to 18 inches in ½-inch variations.

EASTERN CLIMBERS

Trade No.	Mfrs. No.	Riveted Loop	Price per Pair	Code Word
046099	381	Without straps.....	\$4.50	Giom
046100	1381	Nickel plated	6.50	Gion
046101	381L	Light weight, without straps..	4.00	Gipu
046102	1381L	Light weight, nickel plated....	6.50	Girg

Punched Loop

Trade No.	Mfrs. No.		Price per Set	Code Word
046103	382	Without straps.....	4.00	Girt
046104	1382	Nickel plated.....	6.10	Gisp

Made in lengths from 14 to 19 ins. in ½-in. variations.

STRAPS FOR WESTERN CLIMBERS

Trade No.	Mfrs. No.		Price per Set	Code Word
046105	380A	Set consists of 2 upper and 2 lower straps.....	\$2.00	Gita

STRAPS FOR EASTERN CLIMBERS

Trade No.	Mfrs. No.		Price per Set	Code Word
046106	382A	Set consists of two upper straps, with 4x4 plain leather pads and 2 lower straps.....	2.00	Gith
046107	382B	With sheep-lined pads.....	2.40	Giub
046108	382C	With felt-lined pads.....	2.40	Giul

PADS FOR EASTERN CLIMBERS

Trade No.	Mfrs. No.		Price Each	Code Word
046109	382E	Sheep-lined.....	\$0.80	Giur
046110	382F	Felt-lined.....	.80	Gixi

LEATHER POUCHES

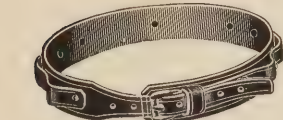
Trade No.	Mfrs. No.		Price Each	Code Word
046111	62	Weight, 6 ounces.....	.80	Gjal

Has loops for belt.
State for what size belt pouch is wanted.

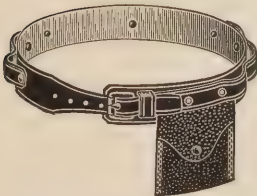
TOOL BELTS

Trade No.	Mfrs. No.		Price Each	Code Word
046112	383	Plain belt 2¼ inches	1.50	Gjam
046113	383A	Same as 383 but has rings for safety strap.....	2.20	Gjas
046114	383D	Same as 383 but with pouch...	2.40	Gjax
046115	383B	Same as 383D, but with rings for safety strap.....	2.90	Gjbi
046116	383E	3½ inches wide.....	2.90	Gjcu
046117	383C	2¼ inches wide, double back..	3.00	Gjea

When ordering belts, state if wanted for 38, 40, 42, 44 or 46-inch waist.



No. 383



No. 383D

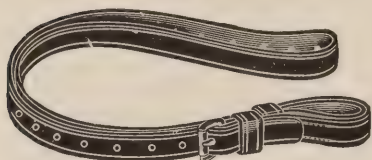


No. 383E



No. 383C

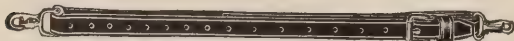
LINEMEN'S TOOL BELTS AND BAGS



No. 377



No. 384C



No. 384B



No. 393B



No. 393D



No. 393G



No. 393C



No. 393



No. 384

JACK OR VISE STRAPS

Trade No.	Mfrs. No.		Price Each	Code Word
055930	377	Jack Straps for Vise	\$1.50	Bgteo
055931	377A	With Japanned snap or clevis at one end for grip	2.00	Bgtet

LINEMEN'S BODY BELTS

055932	384C	For strapping to pole	3.00	Bgtcv
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COMBINED SAFETY AND JACK STRAPS

055933	384B	Combined Safety and Jack Strap	3.00	Bgtex
055934	3583	Jack Strap for Vises or Comealong	1.65	Bgtgi

BELT AND SAFETY STRAPS

055935	384	Belt and Safety Strap	5.20	Bgtgu
055936	385	Safety Strap only	3.00	Bgtha

The safety strap is $1\frac{3}{4}$ inches wide, 6 feet long, and provided with strong snap at each end. Strap may be shortened or lengthened by adjusting buckle. State if tool belt is wanted for 38, 40, 42, or 44-inch waist.

LEATHER TOOL BAGS

055937	393B	Heavy leather, 15 in. long	6.00	Bgths
055938	393K	Heavy leather, 20 in. long	8.00	Bgtib

BLACK LEATHER CARBON BAGS

055939	393D	Riveted, weight $2\frac{3}{4}$ lbs.	4.00	Bgtif
055940	393G	Sewed, weight, 3 lbs.	4.50	Bgtje

INSPECTOR'S LEATHER TOOL BAGS

055941	393C	Size 8 x 20 inches	10.00	Bgtju
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Made entirely of leather, has tongue and buckle fastenings and shoulder straps.

LINEMEN'S TOOL BAGS

Trade No.	Mfrs. No.	Canvas Size In.	Price Each	Code Word
055942	393A	12	\$4.50	Bgtki
055943	393E	16	4.80	Bgtko
055944	393I	18	5.00	Bgtla
055945	393	20	5.10	Bgtna
055946	393H	24	6.00	Bgtod

Equipped with leather handles, sides and bottom

W U. pattern.	Leather Size In.	Price Each	Code Word
055947	2393E	12	7.70 Bgtok
055948	2393C	16	8.00 Bgtol
055949	2393B	18	8.00 Bgtop
055950	2393A	20	8.40 Bgtor
055951	2393	24	10.00 Bgtov
055952	.....	Lock extra, net	.30 Bgtpi
055953	.....	Shoulder strap, net	.50 Bgtto
055954	.....	With Clasps, net	.50 Bgtue

Same style as No. 393.

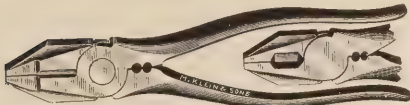
SIDE CUTTING PLIERS



No. 312



No. 1312



No. 312F



No. 1312F



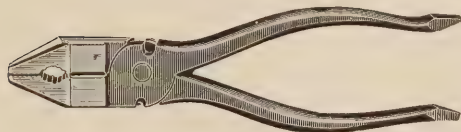
No. 313C



No. 314B



No. 1842 1/2 A



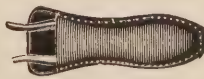
No. 3177



No. 86



No. 382D



No. 1382D

KLEIN'S

Trade No.	Mfrs. No.	Length Inches	Price Each	Code Word
044901	312	5	\$2.00	Akiub
044902	312A	6	2.50	Akiul
044903	312B	7	3.00	Akiur
044904	312C	8	3.60	Akixi
044905	312D	9	3.60	Akjal
044906	312E	10	5.50	Akjam
044907	1312	5	2.00	Akjas
044908	1312A	6	2.50	Akjax
044909	1312B	7	3.00	Akjbj
044910	1312C	8	3.60	Akjecu
044911	1312D	9	3.60	Akjea
044912	1312E	10	5.50	Akjex

WITH SLEEVE TWISTER

044913	312F	7	3.50	Akjhu
044914	312G	8	4.50	Akjik
044915	312H	9	5.00	Akjil
044916	1312F	7	3.50	Akjim
044917	1312G	8	4.50	Akjr
044918	1312H	9	5.00	Ajkju

UTICA

044919	313C	4	1.10	Akjla
044920	313D	5	1.20	Akjle
044921	313	6	1.30	Akyme
044922	313A	7	1.60	Akjmo
044923	313B	8	1.80	Akjnr

MICA INSULATED HANDLE

044933	314B	6	4.00	Akjuk
044934	314C	7	5.00	Akjus
044935	314D	8	6.00	Akjyf

The insulating covering is not brittle and will not flake off. They are tested to insulate against 2500 volts.

SPLICING

044936	1842 1/2 A	7	2.50	Akyyk
044937	1842 1/2 B	8	3.00	Akyyj

UNIVERSAL

044938	3177B	6	1.20	Akyyv
044939	3177	7	1.40	Akkac
044940	3177A	8	1.60	Akkaf

Pliers furnished nickel plated at a slight additional charge.

RUBBER INSULATING SLEEVES

045146	86	For 6 in. per pr.	.40	Aklida
045147	87	For 7 in. per pr.	.50	Aklef
045148	88	For 8 in. per pr.	.60	Aklej

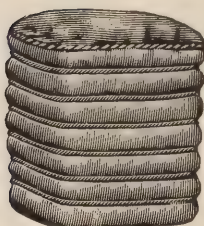
LEATHER PLIER POCKETS

045149	382D	{ To slip on }	.80	Aklek
045150	1382D	{ tool belt }	.80	Aklen

STATION SUPPLIES



No. 5513.



No. 4503.



No. 5516.



No. 5519.



No 5305.



No 5306.



No 5307.



No 5312.

OILY WASTE CANS.

Trade No.	Size Ins.	Price Per Doz.	Code Word.
5513	11 $\frac{3}{4}$ x13	\$24.00	Abrutdyaf
5514	12 $\frac{1}{2}$ x14	30.00	Abrutdygo
5515	13 $\frac{1}{2}$ x15	36.00	Abrutdyja

WASTE.

Trade No.	White Colored	Price Per Lb.	Code Word.
4503		\$0.12	Abrutdylu
4504		.09	Abrutdym

RUBBER GLOVES.

Without Gauntlet.

Trade No.	Size Glove.	Size Hand.	Price Per Pair.	Code Word.
5516	13	9	\$4.00	Instructess
5517	14	9 $\frac{1}{2}$	4.00	Instruction
5518	15	10	4.00	Instructive

With Gauntlets.

5519	13	9	5.00	Instructiveness
5520	14	9 $\frac{1}{2}$	5.00	Instop
5521	15	10	5.00	Aeroaima

Fingers Reinforced.

LINEMAN'S RUBBER GLOVES.

With Gauntlet.

5522	13	9	6.00	Aerrmony
5523	14	9 $\frac{1}{2}$	6.00	Instipulate
5524	15	10	6.00	Iustitu

Palms and fingers reinforced.

ELECTRICIAN'S WHITE SEAMLESS RUBBER GLOVES.

5301 Size from 8 $\frac{1}{2}$ to 11 5.00 Instinctively

SPECIAL LINEMAN'S GLOVES PURE GUM.

5302 Size from 8 $\frac{1}{2}$ to 10 $\frac{1}{2}$ 6.00 Instillment

Tested to 10,000 Volts, Extra Long Wristlets

BRUSHES.

5305	Globe Brush	ea. .80	Abrutduya
5306	Carbon Rod Brush	ea. .80	Abrutdyob

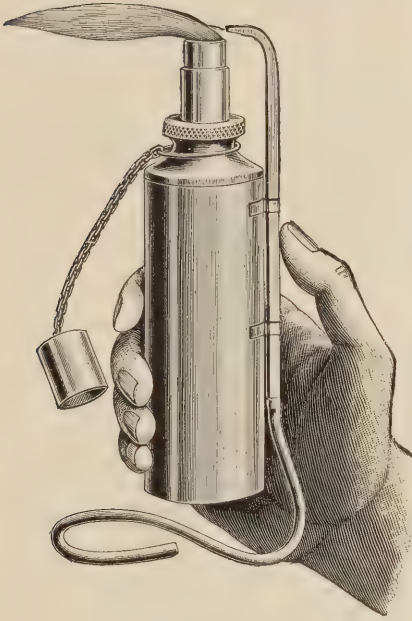
HAND BELLOWS.

Trade No.	Width Ins.	Price Per Dozen.	Code Word.
5307	6	\$20.00	Instimulation
5308	7	22.00	Instimulate
5309	8	24.00	Instinction
5310	9	26.00	Instep
5311	10	30.00	Instigate

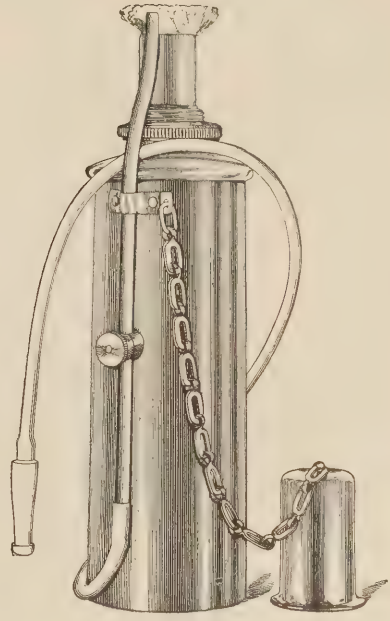
UNIVERSAL DUSTERS.

Trade No.	Mfrs. No.	Inside Diam. Inches.	Length Inches.	Weight Ozs.	Price Each.	Code Word.
09852	1	2 $\frac{3}{8}$	20	10 $\frac{1}{2}$	\$1.50	Abrutdunk
09853	2	2 $\frac{3}{4}$	22 $\frac{3}{8}$	13 $\frac{1}{2}$	2.00	Abrutdurn
09854	3	3	24 $\frac{3}{4}$	16 $\frac{1}{2}$	3.25	Abrutdusu
09855	4	3 $\frac{1}{8}$	25 $\frac{1}{8}$	23	5.00	Abrutdypt
09856	5	4	32 $\frac{1}{4}$	32 $\frac{1}{2}$	7.00	Abrutdyrl

ALCOHOL TORCHES



Roberts



Victor

ROBERTS ALCOHOL TORCHES

Trade No.		Price Each	Code Word
020175	Torch complete	\$2.50	Blju

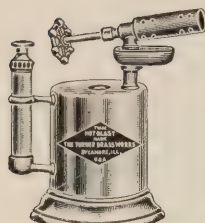
The novel feature of this torch is the automatic fastening of the air pipe. The pipe of oval cross-section is held between two keepers, fastened to body of torch. Between the body of torch and air pipe is inserted a bow spring, which causes the pipe to bind against the keepers. Pressing thumb between keepers compresses spring and movement of thumb, while pressing spring upward or downward carries nozzle into proper position. When thumb is removed the spring automatically binds pipe in place. Adjustment of nozzle is instantaneous without unscrewing, unlocking or locking again for a new position. The entire adjustment and locking of same is performed by one hand leaving the other free.

VICTOR ALCOHOL TORCHES

Trade No.	Height Ins.	Size Wick Ins.	Price Each	Code Word
020176	7	$\frac{3}{4}$	\$2.50	Blk _i

The Victor alcohol torch differs principally from the Roberts in the adjustment. The body is made of seamless brass tubing and all metal parts are heavily nickel plated. The blow pipe can be regulated to any desired height by means of the screw attached to the side. This insures placing the flame, at all times, in exactly the correct position to obtain best results. The wick cap screws tightly over wick and absolutely prevents any possibility of leakage or evaporation of the alcohol when torch is not in use. The wick arrangement in the interior of torch causes the flame to be perfectly even and uniform. The base is made concave to prevent corrosion of the bottom of torch when allowed to stand in damp places.

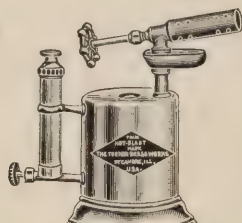
TURNER HOT BLAST TORCHES



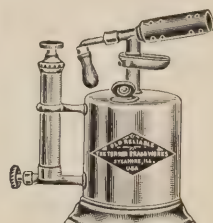
No. 215



No. 222

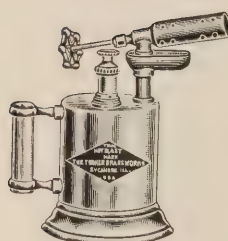


No. 212



No. 12

GASOLINE TORCHES



No. 210

Trade No.	Mfrs. No.	Capac. Pints	SIZE Height	INCHES Diam.	Net Wt. Lbs.	Price Each	Code Word
052816	215	2	9 1/2	4	3	\$4.70	Bcbja

A torch with an automatic spring valve pump which forms a part of the handle. The tank is 18 gauge heavy brass, with brass funnel shaped bottom and fitted with new Turner Non-Leaking filler plug. The burner is of the improved closed generator type for either outdoor or inside use.

052817	222	2	9	4	3	7.00	Bcbka
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No. 222 Hot Blast Torch herewith illustrated is the same as old No. 22 Imperial Torch with several improvements. The tank is of heavy brass and made with a funnel shaped brass bottom to assist in filling with gasoline, and has the Turner New Non-Leaking filler plug.

052818	212	2	9 3/4	4	3	6.50	Bcbke
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The 212 torch has tank which is made of heavy 18 gauge brass, with brass bottom which serves as a funnel in filling. A specially prepared lead washer is recessed into the filler plug which replaces the old style leather washer and is indestructible. The air valve screw is made with neat fibre handle, and with packing nut which makes it absolutely air tight.

052819	12	2	10	4	3	7.50	Bcble
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The Turner OLD RELIABLE gasoline torch is constructed of the very best quality heavy brass and is the highest grade of the single valve style of torch.

052820	210	2	9	4	4	7.50	Bcbly
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This torch is equipped with improved burner, with automatic brass pump in tank. The tank is made of 18 gauge seamless brass, highly polished, and equipped with concave brass bottom fitted with the Turner Non-Leaking filler plug.

052821	226	2	10	4	3 1/2	9.00	Bcbnu
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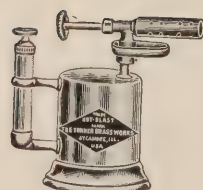
This kerosene torch is built on entirely new and original principles, generates and burns kerosene as satisfactorily as gasoline is burned in the ordinary gasoline blow torch, and produces a high quality of flame under perfect control and free from odor.

This torch can be used for burning gasoline as well as kerosene, or a mixture of both. The special construction of the generator transforms the kerosene into gas under such perfect conditions that it is entirely burned and therefore without odor, and free from carbon deposit.

052822	315	1	7 1/2	3 1/2	2	4.00	Bcbob
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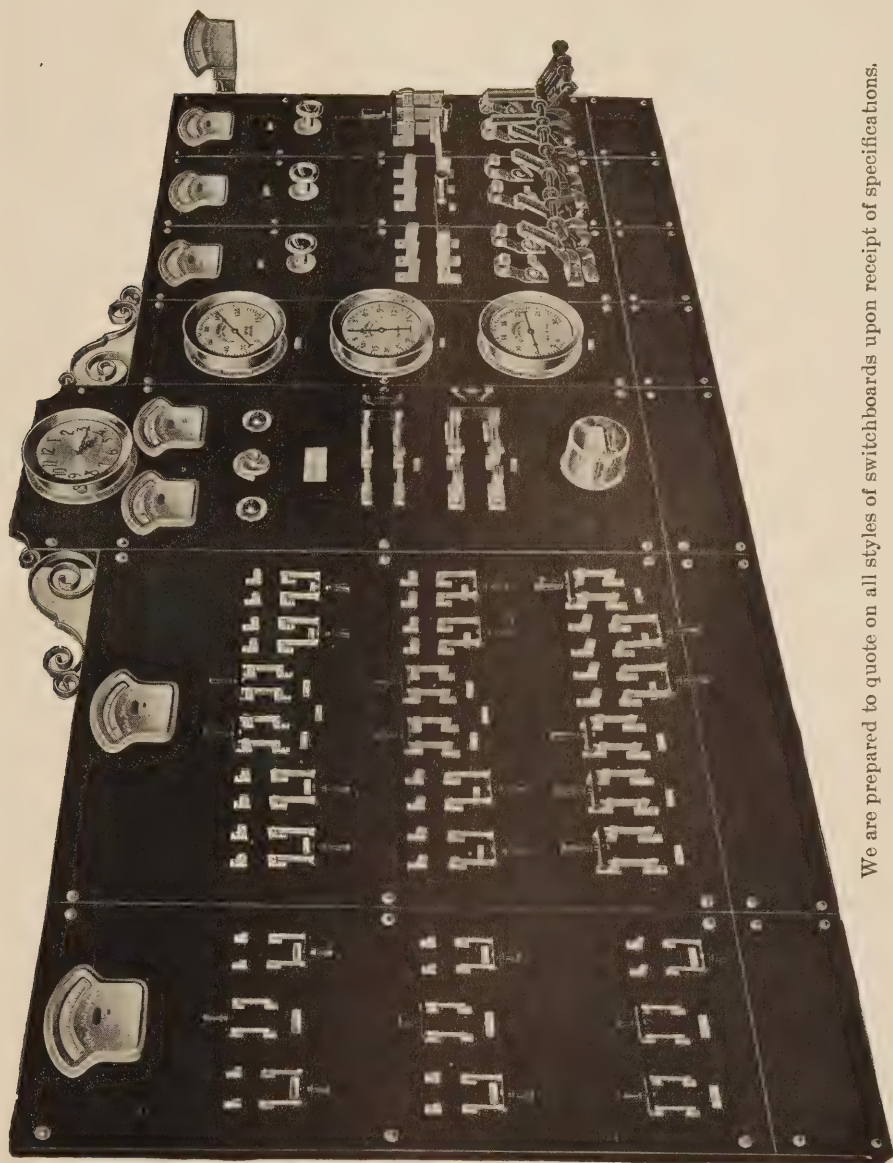
A pint size torch with improved automatic spring valve pump, and constructed for general light work. The burner is one of the new styles made to generate a hot and steady flame, which can be regulated in size and volume for various kinds of work. The needle valve of the burner is made with a neat fibre handle. The concave brass bottom acts as a funnel in filling and is closed with the Turner New Non-Leaking filler plug. The tank is 18 gauge polished brass.

With the above torches, attachments for holding a soldering coppers are packed loose with each torch.



No. 315

TRUMBULL SWITCHBOARDS



We are prepared to quote on all styles of switchboards upon receipt of specifications.

SLATE AND MARBLE

SLATE FOR ELECTRICAL USE.

1 Inch in Thickness or Less.

Trade No.	Superficial Contents in Square Feet.	PRICE, PER SQUARE FOOT.			Code Word.
		Plain.	Black Enamel.	Marbleized.	
016783	1 to 3	\$0.52	\$0.70	\$0.72	Absidimwi
016784	3 to 8	.60	.78	.80	Absidimys
016785	8 to 12	.66	.84	.86	Absidinaj
016786	12 to 15	.72	.95	.97	Absidinbi
016787	15 to 20	.80	1.08	1.10	Absidince
016788	20 to 25	.86	1.19	1.21	Absidinda
016789	25 to 30	.96	1.34	1.36	Absidinfo
016790	30 to 35	1.04	1.42	1.44	Absidings

Over 1 Inch, up to and Including 1 1-4 Inches in Thickness.

016791	1 to 3	.58	.76	.78	Absidipka
016792	3 to 8	.66	.84	.86	Absidiplu
016793	8 to 12	.72	.90	.92	Absidipno
016794	12 to 15	.78	1.01	1.03	Absidipot
016795	15 to 20	.86	1.14	1.16	Absidipul
016796	20 to 25	.94	1.27	1.29	Absidipve
016797	25 to 30	1.04	1.42	1.44	Absidipyx
016798	30 to 35	1.14	1.52	1.54	Absidique

Over 1 1-4 Inches, up to and Including 1 1-2 Inches in Thickness.

016799	1 to 3	.66	.84	.86	Absidinif
016800	3 to 8	.72	.90	.92	Absidinod
016801	8 to 12	.78	.96	.98	Absidinpt
016802	12 to 15	.84	1.07	1.09	Absidinuk
016803	15 to 20	.92	1.20	1.22	Absidinym
016804	20 to 25	1.02	1.35	1.37	Absidipac
016805	25 to 30	1.14	1.52	1.54	Absidipes
016806	30 to 35	1.24	1.62	1.64	Absidipgi

Over 1 1-2 Inches, up to and Including 1 3-4 Inches in Thickness.

016807	1 to 3	.74	.94	.96	Absidisav
016808	3 to 8	.80	1.02	1.04	Absidisfu
016809	8 to 12	.86	1.08	1.10	Absidisga
016810	12 to 15	.92	1.19	1.21	Absidisko
016811	15 to 20	1.02	1.34	1.36	Absidisms
016812	20 to 25	1.12	1.49	1.51	Absidisox
016813	25 to 30	1.24	1.66	1.68	Absidisse
016814	30 to 35	1.36	1.78	1.80	Absidisug

Over 1 3-4 Inches, up to and Including 2 Inches in Thickness.

016815	1 to 3	.82	1.04	1.06	Absidisyt
016816	3 to 8	.88	1.10	1.12	Absiditat
016817	8 to 12	.94	1.16	1.18	Absiditex
016818	12 to 15	1.00	1.27	1.29	Absiditib
016819	15 to 20	1.10	1.42	1.44	Absiditje
016820	20 to 25	1.22	1.59	1.61	Absiditki
016821	25 to 30	1.36	1.78	1.80	Absiditla
016822	30 to 35	1.48	1.90	1.92	Absiditor

Code Word for Style—

Absidulys

Absidulul

Absidulra

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Prices F. O. B. Factory.

Special prices for larger or thicker slabs than those listed.

Any of the ordinary dipped colors are covered by the marbleized list. Special prices for special colors. Beveling slabs per lineal foot of bevel, $\frac{1}{4}$ -inch or less, 1 cent; $\frac{3}{8}$ -inch, 2 cents; $\frac{1}{2}$ -inch, 3 cents; $\frac{3}{4}$ -inch, 4 cents, net. The size of the bevel is determined by measuring across the face of same. In figuring the superficial contents of a slab a fraction of $\frac{1}{2}$ inch or over will be figured as a full inch. A fraction of less than $\frac{1}{2}$ inch will be dropped.

MARBLE FOR ELECTRICAL USE.

Pink Tennessee.			Blue Vermont.			White Italian.		
Trade No.	Thickness Inches.	Code Word.	Trade No.	Thickness Inches.	Code Word.	Trade No.	Thickness Inches.	Code Word.
016823	$\frac{7}{8}$ or less	Xydde	016828	$\frac{7}{8}$ or less	Xubfe	016833	$\frac{7}{8}$ or less	Xemfe
016824	1	Xafde	016829	1	Xidfe	016834	1	Xopfe
016825	$1\frac{1}{4}$	Xigde	016830	$1\frac{1}{4}$	Xwefe	016835	$1\frac{1}{4}$	Xbage
016826	$1\frac{1}{2}$	Xdude	016831	$1\frac{1}{2}$	Xygfe	016836	$1\frac{1}{2}$	Xybge
016827	2	Xdfe	016832	2	Xalfe	016838	2	Xudge

Prices upon application.

DIAMETER OF RUBBER COVERED WIRES

SOLID.			STRANDED.					
Rubber Wall Inches.	Diam. Over Rubber Inches.	Diameter Over All Inches.	Size B. & S. Gauge.	Area Circular Mils.	Conductor A-B, & S. B-B, W. G.	Rubber Wall Inches.	Diam. Over Rubber Inches.	Diam. Over All Inches.
.100	.660	.710	0000	197,260	19 x 10 A	.100	.709	.759
.130	.720	.770				.130	.769	.819
.160	.780	.830				.160	.829	.879
.100	.610	.660	000	156,400	19 x 11A	.100	.654	.704
.130	.670	.720				.130	.714	.764
.160	.730	.780				.160	.774	.824
.100	.565	.615	00	124,000	19 x 12 A	.100	.604	.654
.130	.625	.675				.130	.664	.714
.160	.685	.735				.160	.724	.774
.100	.525	.575	0	98,500	19 x 15 B	.100	.560	.610
.130	.585	.635				.130	.620	.670
.160	.645	.695				.160	.680	.730
.080	.449	.500	1	80,300	19 x 16 B	.080	.485	.535
.110	.509	.559				.110	.545	.595
.140	.569	.619				.140	.605	.655
.080	.418	.468	2	63,900	19 x 17 B	.080	.450	.500
.110	.478	.528				.110	.510	.560
.140	.538	.588				.140	.570	.620
.070	.369	.419	3	57,600	7 x 11 A	.070	.412	.462
.100	.429	.479				.100	.472	.522
.130	.489	.539				.130	.532	.582
.070	.344	.394	4	45,700	7 x 12 A	.070	.382	.432
.100	.404	.454				.100	.442	.492
.130	.464	.514				.130	.502	.552
.070	.322	.372	5	36,300	7 x 15 B	.070	.356	.406
.100	.382	.432				.100	.416	.466
.130	.442	.492				.130	.476	.526
.070	.302	.352	6	28,700	7 x 14 A	.070	.332	.382
.100	.362	.412				.100	.392	.442
.130	.422	.472				.130	.452	.502
.070	.284	.324	7	22,800	7 x 15 A	.070	.311	.351
.100	.344	.384				.100	.371	.411
.130	.404	.444				.130	.431	.471
.050	.228	.268	8	16,800	7 x 18 B	.050	.247	.287
.080	.288	.328				.080	.307	.347
.110	.348	.388				.110	.367	.407
.050	.202	.242	10	11,400	7 x 18 A	.050	.220	.260
.080	.262	.302				.080	.280	.320
.110	.322	.362				.110	.340	.380
.050	.180	.220	12	7,150	7 x 20 A	.050	.195	.235
.069	.219	.259				.080	.255	.295
.100	.280	.320				.110	.315	.355
.050	.165	.205	14	4,375	7 x 23 B	.050	.175	.215
.061	.188	.228				.080	.235	.275
.100	.265	.305				.110	.295	.335
.037	.125	.165	16	2,830	7 x 24 A	.037	.134	.174
.053	.156	.196				.067	.194	.234
.069	.188	.228				.097	.254	.294
.037	.115	.150	18	1,780	7 x 26 A	.037	.122	.157
.043	.125	.160				.067	.182	.217
.058	.156	.190				.097	.242	.277

The first dimensions given on each size are N. E. C. Standard. The other dimensions are actual sizes of commercial wires.

DIAMETER LEAD ENCASED CABLE

SOLID WIRES					STRANDED CABLES						
Size B. & S. Gauge	Rubber Wall	Diam. Over Rubber	Lead Wall	Diam. Over All	Size B. & S. Gauge	Area Circular Mils	Conductor A-B. & S. B-B. W. G.	Rubber Wall	Diam. Over Rubber	Lead Wall	Diam. Over All
0000	.100	.660	$\frac{5}{64}$	.866	0000	197,260	19 x 10 A	.100	.709	$\frac{5}{64}$	.915
	.130	.720	$\frac{5}{64}$	.926				.130	.769	$\frac{5}{64}$	.975
	.160	.780	$\frac{5}{64}$	.986				.160	.829	$\frac{5}{64}$	1.035
000	.100	.610	$\frac{5}{64}$	.816	000	156,400	19 x 11 A	.100	.654	$\frac{5}{64}$	.860
	.130	.670	$\frac{5}{64}$	.876				.130	.714	$\frac{5}{64}$	.920
	.160	.730	$\frac{5}{64}$	.936				.160	.774	$\frac{5}{64}$	.980
00	.100	.565	$\frac{5}{64}$	.771	00	124,000	19 x 12 A	.100	.604	$\frac{5}{64}$	.810
	.130	.625	$\frac{5}{64}$	.831				.130	.664	$\frac{5}{64}$	.870
	.160	.685	$\frac{5}{64}$	.891				.160	.724	$\frac{5}{64}$	.930
0	.100	.525	$\frac{5}{64}$	.731	0	98,500	19 x 15 B	.100	.560	$\frac{5}{64}$	.766
	.130	.585	$\frac{5}{64}$	.791				.130	.620	$\frac{5}{64}$	.826
	.160	.645	$\frac{5}{64}$	.851				.160	.680	$\frac{5}{64}$	.886
1	.080	.449	$\frac{5}{64}$	.656	1	80,300	19 x 16 B	.100	.560	$\frac{5}{64}$	.766
	.110	.509	$\frac{5}{64}$	.716				.130	.620	$\frac{5}{64}$	.826
	.140	.569	$\frac{5}{64}$	.776				.160	.680	$\frac{5}{64}$	.886
2	.080	.418	$\frac{1}{16}$	.593	2	63,900	19 x 17 B	.080	.485	$\frac{5}{64}$	.691
	.110	.478	$\frac{1}{16}$	.653				.110	.545	$\frac{5}{64}$	.751
	.140	.538	$\frac{1}{16}$	.713				.140	.605	$\frac{5}{64}$	.811
3	.070	.369	$\frac{1}{16}$	.544	3	57,600	7 x 11 A	.080	.450	$\frac{5}{64}$	.656
	.100	.429	$\frac{1}{16}$	.604				.110	.510	$\frac{5}{64}$	.716
	.130	.489	$\frac{1}{16}$	.664				.140	.570	$\frac{5}{64}$	.776
4	.070	.344	$\frac{1}{16}$	.519	4	45,700	7 x 12 A	.070	.412	$\frac{1}{16}$	.587
	.100	.404	$\frac{1}{16}$	.579				.100	.472	$\frac{5}{64}$	.678
	.130	.464	$\frac{1}{16}$	.639				.130	.532	$\frac{5}{64}$	.738
5	.070	.322	$\frac{1}{16}$	.497	5	36,300	7 x 15 B	.070	.382	$\frac{1}{16}$	.557
	.100	.382	$\frac{1}{16}$	.557				.100	.442	$\frac{1}{16}$	.617
	.130	.442	$\frac{1}{16}$	.617				.130	.502	$\frac{5}{64}$	.708
6	.070	.302	$\frac{1}{16}$	.477	6	28,700	7 x 14 A	.070	.356	$\frac{1}{16}$	.531
	.100	.362	$\frac{1}{16}$	.537				.100	.416	$\frac{1}{16}$	.591
	.130	.422	$\frac{1}{16}$	.597				.130	.476	$\frac{5}{64}$	.682
7	.070	.284	$\frac{3}{64}$	.418	7	16,800	7 x 18 B	.070	.332	$\frac{1}{16}$	.507
	.100	.344	$\frac{3}{64}$	.509				.100	.392	$\frac{1}{16}$	.567
	.130	.404	$\frac{1}{16}$	.569				.130	.452	$\frac{5}{64}$	.658
8	.050	.228	$\frac{3}{64}$	.362	8	11,400	7 x 18 A	.070	.320	$\frac{1}{16}$	.500
	.080	.288	$\frac{3}{64}$	.422				.050	.220	$\frac{3}{64}$	.355
	.110	.348	$\frac{3}{64}$	.482				.080	.280	$\frac{3}{64}$	.415
10	.050	.202	$\frac{3}{64}$	.335	10	7,150	7 x 20 A	.110	.367	$\frac{1}{16}$	.532
	.080	.262	$\frac{3}{64}$	.395				.050	.195	$\frac{3}{64}$	.330
	.110	.322	$\frac{3}{64}$	.455				.080	.255	$\frac{3}{64}$	.390
12	.050	.180	$\frac{3}{64}$	.327	12			.110	.340	$\frac{1}{16}$	.505
	.069	.219	$\frac{3}{64}$	.353				.050	.220	$\frac{3}{64}$	.355
	.100	.280	$\frac{3}{64}$	.415				.080	.280	$\frac{3}{64}$	.415
14	.050	.165	$\frac{3}{64}$	.300	14			.110	.367	$\frac{1}{16}$	.532
	.061	.188	$\frac{3}{64}$	.322				.050	.220	$\frac{3}{64}$	.355
	.100	.265	$\frac{3}{64}$	.400				.080	.280	$\frac{3}{64}$	.415
16	.037	.125	$\frac{3}{64}$	.259	16			.110	.340	$\frac{1}{16}$	.505
	.053	.156	$\frac{3}{64}$	.290				.050	.195	$\frac{3}{64}$	.330
	.069	.188	$\frac{3}{64}$	.322				.080	.255	$\frac{3}{64}$	.390
18	.037	.115	$\frac{3}{64}$	.244	18			.110	.315	$\frac{3}{64}$	.450
	.043	.125	$\frac{3}{64}$	.254				.050	.195	$\frac{3}{64}$	.330
	.058	.156	$\frac{3}{64}$	.284				.080	.255	$\frac{3}{64}$	.390

The first dimensions given on each size are for National Electrical Code 600 volt cable.

DIAMETERS OF CIRCULAR MIL CABLES

NATIONAL ELECTRICAL CODE STANDARD.

RUBBER COVERED.

Area Circular Mils.	No. of Wires.	APPROXIMATE SIZE, INCHES.			Area Circular Mils.	No. of Wires.	APPROXIMATE SIZE, INCHES.		
		Each Wire.	Rubber Wall.	Diam. Rubber. Over All			Each Wire.	Rubber Wall.	Diam. Rubber. Over All
2,000,000	127	.1255	.125	1.882	600,000	61	.0992	.125	1.143
			.188	2.008				.188	1.269
1,500,000	91	.1284	.125	1.663	550,000	61	.095	.110	1.075
			.188	1.789				.156	1.167
1,250,000	91	.1172	.125	1.540	500,000	61	.0905	.100	1.015
			.188	1.666				.125	1.065
1,000,000	61	.128	.125	1.402	450,000	61	.0859	.100	.972
			.188	1.528				.125	1.022
950,000	61	.1248	.125	1.374	400,000	37	.104	.100	.930
			.188	1.500				.125	.980
900,000	61	.1215	.125	1.344	375,000	37	.1007	.100	.905
			.188	1.470				.125	.955
850,000	61	.118	.125	1.312	350,000	37	.0973	.100	.881
			.188	1.438				.125	.931
800,000	61	.1145	.125	1.281	325,000	37	.0937	.100	.856
			.188	1.407				.125	.906
750,000	61	.1109	.125	1.248	300,000	37	.0900	.100	.830
			.188	1.374				.125	.880
700,000	61	.1071	.125	1.214	275,000	37	.0862	.100	.805
			.188	1.340				.125	.855
650,000	61	.1032	.125	1.180	250,000	37	.0822	.100	.77
			.188	1.306				.125	.826

LEAD ENCASED.

Area Circular Mils.	No. of Wires.	APPROXIMATE SIZE, INCHES.			Area Circular Mils.	No. of Wires.	APPROXIMATE SIZE, INCHES.		
		Each Wire.	Rubber Wall.	Diam. Rubber. Over All			Each Wire.	Rubber Wall.	Diam. Rubber. Over All
2,000,000	127	.1255	.125	1.882	700,000	61	.1071	.125	1.214
			.188	2.008				.188	1.340
1,500,000	91	.1284	.125	1.663	650,000	61	.1032	.125	1.180
			.188	1.789				.188	1.306
1,250,000	91	.1172	.125	1.540	600,000	61	.0992	.125	1.143
			.188	1.666				.188	1.269
1,000,000	61	.128	.125	1.402	550,000	61	.095	.110	1.075
			.188	1.528				.156	1.167
950,000	61	.1248	.125	1.374	500,000	61	.0905	.100	1.015
			.188	1.500				.125	1.065
900,000	61	.1215	.125	1.344	450,000	61	.0859	.100	.972
			.188	1.470				.125	1.022
850,000	61	.118	.125	1.312	400,000	37	.104	.100	.930
			.188	1.438				.125	.980
800,000	61	.1145	.125	1.281	375,000	37	.1007	.100	.905
			.188	1.407				.125	.955
750,000	61	.1109	.125	1.248	350,000	37	.0973	.100	.881
			.188	1.374				.125	.931
			.188	1.374	325,000	37	.0937	.100	.856
								.125	.906
					300,000	37	.0900	.100	.830
								.125	.880
					275,000	37	.0862	.100	.805
								.125	.855
					250,000	37	.0822	.100	.776
								.125	.826
				

First dimensions given on each size are for National Electrical Code 600 volt cable.

WIRING FOR D. C. MOTOR SERVICES

Size, B. & S. gauge.....	14	12	10	8	6	4	3	2	1	0	00	000	0000
Diameter in inches.....	.064	.081	.102	.128	.162	.204	.229	.258	.289	.325	.365	.410	.460
Pounds bare copper per 1000 feet..	12.4	19.7	31.4	49.9	79.4	126	159	201	253	319	402	507	640
Safe carrying capacity in amperes..	12	17	25	33	45	63	75	88	100	125	150	181	218

Horse Power at 110V 220V 500V			Load of Motor, Amp.	Distance in feet that the different "Horse Powers" can be transmitted with one Volt loss													
....	....	$\frac{1}{2}$	1.00	192	308	490	778	1232	1920	2433	3122	3940	4928	6271	8907	9971	
....	....	1	2.00	96	154	245	389	616	960	1216	1561	1970	2464	3135	4453	4985	
....	$\frac{1}{2}$	....	2.30	83	135	213	348	535	834	1057	1357	1713	2142	2726	3872	4335	
....	....	2	4.00	48	77	122	194	308	480	608	780	985	1232	1567	2226	2498	
$\frac{1}{2}$	1	....	4.50	43	68	108	173	273	426	540	700	875	1095	1395	1975	2215	
....	....	3	6.00	32	51	81	127	205	320	405	520	656	821	1045	1484	1661	
....	....	4	7.50	25	40	65	104	164	258	328	416	525	657	836	1187	1330	
1	2	....	9.00	21	34	54	86	137	213	270	347	438	547	697	990	1108	
....	....	....	9.30	20	33	53	84	132	206	261	335	423	530	674	947	1072	
....	3	$7\frac{1}{2}$	12.50	15	24	40	61	100	153	194	250	315	394	501	712	798	
....	....	10	16.50	....	18	29	47	76	118	147	189	239	298	380	539	604	
2	4	....	18.00	....	....	27	43	68	106	135	173	219	273	348	495	524	
....	5	....	21.10	....	....	23	37	58	91	115	146	186	233	297	422	472	
3	....	15	25.00	....	....	20	30	50	76	97	125	157	197	250	356	399	
....	$7\frac{1}{2}$	....	28.20	....	....	....	27	43	68	86	110	140	174	222	315	353	
4	....	20	33.15	....	....	....	23	37	58	76	94	119	148	189	271	300	
....	10	....	37.60	....	....	....	32	51	64	83	104	131	164	236	265		
5	....	25	42.00	....	....	....	....	29	45	58	73	93	116	143	211	236	
....	....	30	49.70	....	....	....	....	....	39	49	64	79	99	126	179	200	
$7\frac{1}{2}$	15	....	56.50	....	....	....	....	....	34	43	55	70	87	111	157	176	
....	....	40	66.30	....	....	....	....	....	....	36	47	60	79	95	135	150	
10	20	....	75.30	....	....	....	....	....	....	32	41	52	65	82	118	132	
....	....	50	82.80	....	....	....	....	....	....	....	37	47	59	75	107	120	
....	25	....	94.10	....	....	....	....	....	....	....	....	41	52	66	94	106	
....	....	60	99.40	....	....	....	....	....	....	....	....	39	49	63	89	100	
15	30	....	113.00	....	....	....	....	....	....	....	....	....	43	55	78	88	
....	....	70	116.00	....	....	....	....	....	....	....	....	....	42	54	76	85	
....	....	80	132.00	....	....	....	....	....	....	....	....	....	....	47	67	74	
20	40	90	150.00	....	....	....	....	....	....	....	....	....	....	41	59	66	
....	....	100	165.00	....	....	....	....	....	....	....	....	....	....	....	54	60	
25	50	....	188.00	....	....	....	....	....	....	....	....	....	....	....	47	53	
....	....	120	198.00	....	....	....	....	....	....	....	....	....	....	....	....	50	
30	60	....	226.00	....	....	....	....	....	....	....	....	....	....	....	....	44	

FUSING EFFECTS OF CURRENTS.

Table showing the Amperes required to fuse Wires of various Sizes and Materials.

Nos.	Diam.		Copper	Alumi- num	Plati- num	German Silver	Plati- noid	Iron	Tin	Tin-Lead alloy	Lead
N.B.S.G.	d	d 3/2	a=10244	a=7585	a=5172	a=5230	a=4750	a=13148	a=643	a=3318	a=1379
14	0.08	0.022627	231.8	171.6	117.	118.3	107.5	71.22	37.15	29.82	31.2
16	0.064	0.016191	165.8	122.8	83.73	84.68	76.9	50.96	26.58	21.34	22.32
18	0.048	0.010516	107.7	79.75	54.37	54.99	49.95	33.1	17.27	13.86	14.5
20	0.036	0.006831	69.97	51.18	35.33	35.72	32.44	21.5	11.22	9.002	9.419
22	0.028	0.004685	48.00	35.53	24.23	24.5	22.25	14.75	7.692	6.175	6.461
24	0.022	0.003263	33.43	24.75	16.88	17.06	15.5	10.27	5.357	4.3	4.499
26	0.018	0.002415	24.74	18.32	12.49	12.63	11.47	7.602	3.965	3.182	3.33
28	0.0148	0.001801	18.44	13.66	9.311	9.416	8.552	5.667	2.956	2.373	2.483
30	0.0124	0.001381	14.15	10.47	7.142	7.222	6.559	4.347	2.267	1.82	1.904
32	0.0108	0.001122	11.5	8.512	5.805	5.87	5.33	3.533	1.843	1.479	1.548

Pure copper wire makes the best and most reliable cut-out or fuse, but should never be less than one inch in length between the terminals to which it is fixed so as to prevent cooling effects of terminals.

HOW TO USE MOTOR TABLES

The table shown on previous page is compiled on a basis of one volt loss for convenience in using the table on other percentages of loss. It is usual to allow a loss of more than one volt for motor service. In such case, divide the distance by the loss allowed, which will give the number of feet in which a loss of one volt will occur. Find this number of feet on the table at the h. p. and voltage required and you will have necessary size of wire.

Example—A 5 h. p., 220 volts motor, 400 feet from service, at 8 volts loss.

Explanation—A loss of 8 volts for 400 feet would be equal to a loss of 1 volt for 50 feet (400 divided by 8 equals 50). By referring to table we find that to carry a 5 h. p., 220 volt motor, 50 feet with a volt loss, a 6 B. & S. wire is required, which means that the same wire would be required to do the work called for by the example.

Always take the nearest number above rather than below in the table to the number of feet actually required. Do not use a smaller wire than given in following table.

MINIMUM SIZE WIRE FOR MOTOR SERVICE

Horse Power.	Size Wire B. & S. Gauge.			Horse Power.	Size Wire B. & S. Gauge.		
	110 Volts.	220 Volts.	500 Volts.		110 Volts.	220 Volts.	500 Volts.
$\frac{1}{2}$	14	14	14	10	2	5	10
1	14	14	14	15	00	3	8
2	10	14	14	20	000	2	6
3	8	12	14	25	0000	1	5
4	6	10	14	30	....	00	4
5	5	8	14	40	....	000	2
$7\frac{1}{2}$	3	6	12	50	....	0000	1

AMPERES PER MOTOR

Horse Power	Percent of Efficiency	Watts.	C. P. Watts 60 Lamps.	OPERATING VOLTAGE.									
				50	75	110	220	400	500	600	800	1000	1200
$\frac{1}{2}$	75	497	8.2	10.	6.62	4.5	2.25	1.24	1.	.83	.62	.497	.41
$\frac{3}{4}$	75	746	12.4	14.9	9.94	6.78	3.38	1.86	1.48	1.24	.93	.746	.62
1	75	995	16.6	20	13.24	9	4.5	2.5	2.	1.66	1.24	1.	.82
$1\frac{1}{2}$	80	1492	24.7	29.8	19.8	13.56	6.78	3.73	2.98	2.48	1.86	1.492	1.24
2	80	1865	31.1	37.3	24.9	16.9	8.5	4.7	3.8	3.1	2.33	1.9	1.6
3	80	2797	46.6	55.9	37.2	25.4	12.7	6.99	5.59	4.66	3.49	2.797	2.33
4	80	3730	62	74.6	49.8	33.8	16.9	9.3	7.5	6.2	4.66	3.8	3.1
5	80	4662	77.7	93.2	62.1	42.3	21.1	11.65	9.32	7.77	5.82	4.662	3.88
$7\frac{1}{2}$	90	6217	103	124.	82.9	56.5	28.2	15.34	12.43	10.36	7.77	6.217	5.18
10	90	8288	138	165	110	75.3	37.6	20.72	16.57	13.81	10.36	8.288	6.9
15	90	12433	207	248	165	113	56.5	31.08	24.86	20.72	15.54	12.43	10.36
20	90	16578	276	331	221	150	75.3	41.44	33.15	27.63	20.72	16.57	13.98
25	90	20722	345	414	276	188	94.1	51.8	41.6	34.5	25.9	20.7	17.2
30	90	24866	414	497	331	226	113	62	49.7	41.4	31	24.8	20.7
40	90	33155	552	663	442	301	150	82.8	66.3	55.2	41.4	33.1	27.6
50	90	41444	690	828	552	376	188	103	82.8	69	51.8	41.4	34.5
60	90	49733	828	994	663	452	226	124	99.4	82.8	60	49.7	41.4
70	90	58022	967	1160	773	527	263	145	116	96.7	72.5	58	48.3
80	90	66311	1105	1326	884	602	301	165	132	110	82.9	66.3	55.2
90	90	74599	1243	1491	994	678	339	186	149	124	93	74.5	62
100	90	82888	1381	1657	1105	753	376	207	165	138	103	82.8	69
120	90	99459	1657	1989	1326	904	452	248	198	165	124	99	82.8
150	90	24312	2072	2486	1657	1131	565	310	248	207	155	124	103

AMPERES PER HORSE POWER IN D. C. MOTORS

Efficiency of Motor

Voltage.	75 per Cent.	80 per Cent.	85 per Cent.	90 per Cent.
110	9	8.4	7.9	7.5
220	4.5	4.2	3.95	3.75
500	1.98	1.86	1.75	1.66

AMPERES PER LAMP

C. P. Lamps	52 Volts.	75 Volts.	110 Volts.	220 Volts.
10	.6	.43	.32	.22
16	1	.68	.5	.33
20	1.25	.86	.64	.4
25	1.54	1.1	.8	.5
32	2	1.36	1	.65
50	3.1	2.2	1.6	1.02
100	6.2	4.3	3.2	2.05
150	9.3	6.4	4.75	3.07

WIRING TABLES

TWO PER CENT LOSS ON 50 VOLTS.

Capacity Amperes.	DISTANCE IN FEET TO CENTER OF DISTRIBUTION.																			
	20	25	30	35	40	45	50	60	70	80	90	100	120	140	160	180	200	250		
1	..	..	..	..	..	..	..	..	..	..	..	16	16	15	14	14	13	12	11
1.5	..	..	..	..	..	..	..	..	..	16	15	15	14	13	13	12	12	11	9
2	..	..	..	..	..	..	16	16	15	14	14	13	13	12	11	11	10	9	8
3	..	..	..	16	16	15	15	14	13	13	12	12	11	10	10	9	9	8	7
4	..	16	15	15	14	14	13	13	12	11	11	10	9	8	7	7	6	5	4	
5	16	16	15	14	13	13	12	12	11	10	10	9	9	8	7	6	5	4	3	
6	16	15	14	13	13	12	12	11	10	10	9	9	8	7	6	5	4	3	2	
7	15	14	13	12	12	11	11	10	10	9	8	8	7	7	6	5	4	3	2	
8	14	13	13	12	11	11	10	10	9	8	8	7	7	6	5	5	4	3	2	
9	14	13	12	11	11	10	10	9	8	8	7	7	6	5	5	4	4	3	2	
10	13	12	12	11	10	10	9	9	8	7	7	6	6	5	4	4	3	2	1	
12	13	12	11	10	10	9	9	8	7	7	6	6	5	4	4	3	3	2	1	
14	12	11	10	10	9	8	8	7	7	6	5	5	4	4	3	2	2	1	0	
16	11	10	10	9	8	8	7	7	6	5	5	4	4	3	2	2	1	0	00	
18	11	10	9	8	8	7	7	6	5	5	4	4	3	2	2	1	1	0	00	
20	10	9	9	8	7	7	6	6	5	4	4	3	3	2	1	1	0	00	00	
25	9	8	8	7	6	6	5	5	4	3	3	2	2	1	0	0	00	00	00	
30	9	8	7	6	6	5	5	4	3	3	2	2	1	0	0	00	00	00	000	
35	8	7	6	6	5	4	4	3	2	2	1	1	0	0	00	00	000	000	000	
40	7	6	6	5	4	4	3	3	2	1	1	0	0	00	000	000	0000	0000	0000	
45	7	6	5	4	4	3	3	2	1	1	0	0	00	000	000	0000	0000	0000	0000	
50	6	5	5	4	3	3	2	2	1	0	0	00	000	000	0000	0000	0000	0000	0000	
55	6	5	4	4	3	3	2	1	0	0	00	000	000	0000	0000	0000	0000	0000	0000	
60	6	5	4	3	3	2	2	1	0	0	00	000	000	0000	0000	0000	0000	0000	0000	
65	5	4	4	3	2	2	1	1	0	00	000	000	0000	0000	0000	0000	0000	0000	0000	
70	5	4	3	2	2	1	1	0	0	00	000	0000	0000	0000	0000	0000	0000	0000	0000	
75	5	4	3	2	2	1	1	0	00	000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
80	4	3	3	2	1	1	0	0	00	000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
90	4	3	2	1	1	0	0	00	000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
100	3	2	2	1	0	0	00	00	000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	

TWO PER CENT LOSS ON 110 VOLTS.

Capacity Amperes.	DISTANCE IN FEET TO CENTER OF DISTRIBUTION.																			
	20	30	40	50	60	70	80	90	100	120	140	160	180	200	240	280	320	360	400	
1	..	..	..	..	..	..	..	..	..	..	..	16	15	15	16	15	15	14	14
1.5	..	..	..	..	..	..	..	..	..	..	..	16	15	15	14	14	13	12	12
2	..	..	..	..	..	..	..	..	16	15	15	14	14	13	12	12	12	11	11
3	..	..	..	..	..	16	15	15	14	13	12	12	11	11	10	9	9	8	8
4	..	..	..	..	16	15	15	14	14	13	12	12	11	11	10	9	8	8	7
5	..	..	16	15	14	14	13	13	12	11	11	10	10	9	8	8	7	6	5
6	..	16	15	14	14	13	12	12	11	11	10	9	9	8	8	7	6	5	4	
7	..	16	15	14	14	13	12	12	11	11	10	9	9	8	7	7	6	5	4	
8	..	16	15	14	13	12	12	11	11	10	9	9	8	8	7	6	5	4	3	
9	..	15	14	13	12	12	11	11	10	9	9	8	8	7	7	6	5	4	3	
10	16	15	14	13	12	11	11	10	10	9	8	8	7	7	6	5	4	3	2	
12	16	14	13	12	11	11	10	9	9	8	8	7	7	6	5	4	3	2	1	
14	15	14	12	11	11	10	9	9	8	7	7	6	6	5	5	4	3	3	2	
16	15	13	12	11	10	9	9	8	8	7	7	6	5	5	4	3	3	2	1	
18	14	12	11	10	9	9	8	8	7	7	6	5	5	4	4	3	2	2	1	
20	14	12	11	10	9	8	8	7	7	6	5	5	4	4	3	2	2	1	0	
25	13	11	10	9	8	7	7	6	6	5	4	4	3	3	2	1	1	0	0	
30	12	10	9	8	7	7	6	6	5	4	4	3	3	2	1	1	0	0	00	
35	11	10	8	7	7	6	5	5	4	4	3	2	2	1	1	0	00	00	000	
40	11	9	8	7	6	5	5	4	4	3	2	2	1	1	0	00	000	000	0000	
45	10	9	7	6	6	5	4	4	3	3	2	1	1	0	00	000	000	0000	0000	
50	10	8	7	6	5	4	4	3	3	2	1	1	0	0	00	000	000	0000	0000	
60	9	7	6	5	4	4	3	3	2	1	1	0	0	00	000	000	0000	0000	0000	
70	8	7	5	4	4	3	2	2	1	1	0	00	000	000	0000	0000	0000	0000	0000	
80	8	6	5	4	3	2	2	1	1	0	00	000	000	0000	0000	0000	0000	0000	0000	
90	7	6	4	3	3	2	1	1	0	00	00	000	000	0000	0000	0000	0000	0000	0000	
100	7	5	4	3	2	1	1	0	0	00	000	000	0000	0000	0000	0000	0000	0000	0000	
120	6	4	3	2	1	1	0	0	00	00	000	0000	0000	0000	0000	0000	0000	0000	0000	

Wire sizes given are B. & S. Gauge.

WIRING TABLES

TWO PER CENT LOSS, 220 VOLTS.

DISTANCE IN FEET TO CENTER OF DISTRIBUTION.

Capacity Amperes.	20	30	40	50	60	70	80	90	100	120	140	160	180	200	240	250	320	360	400
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16
1.5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16	15	15
2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16	15	15	14	14
3	..	..	..	..	..	..	..	..	..	..	..	16	15	15	14	14	13	12	12
4	..	..	..	..	..	..	..	..	16	15	15	14	14	13	12	12	11	11	11
5	..	..	..	..	..	..	..	16	15	14	14	13	13	13	12	11	11	10	10
6	..	..	..	..	..	16	15	15	14	14	13	12	12	11	11	10	9	9	9
7	..	..	..	..	16	15	14	14	14	13	12	12	11	11	10	9	9	8	8
8	..	..	..	16	15	15	14	14	13	12	12	11	11	10	9	9	8	8	8
9	..	..	..	15	15	14	14	13	12	12	11	11	10	9	9	8	8	7	7
10	..	..	16	15	14	14	13	13	12	11	11	10	10	9	8	8	7	7	6
12	..	16	15	14	14	13	12	12	11	11	10	9	9	8	8	7	6	6	5
14	..	16	15	14	14	13	12	12	11	11	10	9	9	8	7	7	6	6	5
16	..	16	15	14	13	12	12	11	11	10	9	9	8	8	7	7	6	6	5
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45	13	12	10	9	9	8	7	7	6	6	5	4	4	3	3	2	1	1	0
50	13	11	10	9	8	7	7	6	6	5	4	4	3	3	2	1	1	0	0
60	12	10	9	8	7	7	6	6	5	4	4	3	3	2	1	1	0	0	00
70	11	10	8	7	7	6	5	5	4	4	3	2	2	1	1	0	00	00	000
80	11	9	8	7	6	5	5	4	4	3	2	2	1	1	0	00	00	000	000
90	10	9	7	6	6	5	4	4	3	3	2	1	1	0	00	00	000	000	0000
100	10	8	7	6	5	4	4	3	3	2	1	1	0	0	00	000	000	0000	0000
120	9	7	6	5	4	4	3	3	2	1	1	0	0	00	000	000	0000	0000	....

Wire sizes given are B. & S. Gauge.

MINIMUM SIZED WIRE FOR MOTOR SERVICES.

When Concealed or partly Concealed Wires are used.

Horse Power.	SIZE WIRES B. & S. GAUGE.	Horse Power.	SIZE WIRES B. & S. GAUGE.
110 Volts.	220 Volts.	110 Volts.	220 Volts.
1/2	14	25	000
1	14	30	0000
2	12	40	00
3	10	50	000
4	8	60	0000
5	6	70	000
7 1/2	4	80	000
10	3	90	000
15	0	100	000
20	00	120	0000

FORMULA FOR ALTERNATING CURRENT WIRING.

Get distance in feet; watts delivered; volts at delivery end; per cent loss desired. Select "T" from the following.

"T" equals 2,150 for direct current, 2,400 for single phase for lights only, 3,000 for single phase for motor and lights, 3,380 for single phase for motor only, 1,200 for 3-wire 3 phase, and 4-wire 2 phase for lights only, or 1,500 for 3-wire, 3 phase, and 4-wire 2 phase for lights and motors, or 1,690 for 3-wire 3 phase, and 4-wire 2 phase for motors only.

$$\text{Circular Mils, each wire} = \frac{\text{Feet} \times \text{watts} \times \text{T}}{\text{per cent loss} \times \text{volts} \times \text{volts.}}$$

$$\text{For D. C. use C. M.} = \frac{\text{Amps.} \times \text{distance} \times 2200}{\text{per cent loss} \times \text{volts.}} \text{ or } \frac{\text{Feet} \times \text{watts} \times 2200}{\text{per cent loss} \times \text{volts} \times \text{volts.}}$$

TABLES

ELECTRICAL UNITS.

The electrical units are derived from the following mechanical units of the metric system:

CENTIMETER.—Unit of length. One thousand millionth part of a quadrant of the earth's surface.

GRAMME.—Unit of weight. Weight of a cubic centimeter of water at a temperature of 4 degrees centigrade.

SECOND.—Unit of time. The time of one swing of a pendulum making 86,400 swings in a solar day.

The unit of area is the square centimeter. The unit of volume is the cubic centimeter.

THE ELECTRICAL UNITS ARE AS FOLLOWS:

VOLT.—The unit of electro motive force. Force to send one ampere of current through one ohm of resistance.

OHM.—Unit of resistance. The resistance offered to the passage of one ampere when impelled by one volt.

MEGOHM.—1000 ohms.

AMPERE.—Unit of current. The current which one volt can send through one ohm.

COULOMB.—Unit of quantity. Quantity of current, which, impelled by one volt, would pass through one ohm in one second.

FARAD.—Unit of capacity. The capacity of a conductor or a condenser which will hold one coulomb under the pressure of one volt.

MICROFARAD (MFD).—One-millionth of a farad.

WATT.—Unit of power. The power to do work when one ampere passes through one ohm under the pressure of one volt.

JULE.—Unit of work. The work done by one watt in one second.

OHM'S LAW.

Ohm's law is a method of expressing relationship existing between the electro-motive force, current and resistance, and is practically the basis of most electrical computations. It is expressed in various forms, as follows:

$$\text{Current Flow} = \frac{\text{Electro-Motive Force}}{\text{Resistance}} \quad \text{or, } I = \frac{E}{R}$$

Electro-motive force equals the current flow multiplied by resistance.

$$\text{Electro-Motive Force} = \text{Current Flow} \times \text{Resistance, or } E = I \times R.$$

Resistance equals the Electro-Motive force divided by the current flow.

$$\text{Resistance} = \frac{\text{Electro-Motive Force}}{\text{Current Flow}} \quad \text{or, } R = \frac{E}{I}$$

I = Amperes. E = Volts. R = Ohms.

Electro-motive force varies directly as the current and resistance.

Resistance varies directly with the Electro-motive force and inversely as the current.

Current varies directly with the Electro-motive force and inversely as the resistance.

MIL.

The "Mil," whose expressed value is $\frac{\text{One}}{\text{One-Thousandth}}$ (.001) of an inch, is the practical basis for determining the diameters and thereby the area of all wires used as electric conductors. The diameters being given, the area is obtained by the well known rule, "the area of a circle, in circular units, is equal to the square of its diameter;" hence the square of the diameter of a wire expressed in mils equals the area of its cross section.

$D^2 = A$, which area is expressed in Circular Mils or CM, hence $D^2 = \text{CM}$.

WIRING FORMULA.

Ohm's law is practically the basis for the various formulæ in general use for determining the proper size of wire to use to carry various currents. It is essential to know the amount of current expressed in amperes, the distance, and to decide upon the loss to allow in transmission; the best rule is as follows:

The cross section (CM) of the necessary wire is found by multiplying twice the distance one way (2D) by the amount of current expressed in amperes (C) and this by the resistance of one mil-foot (10.7) and dividing by the loss in transmission expressed in volts (v).

$$\text{Or, CM} = \frac{2D \times C \times 10.7}{v} \quad \text{Or, CM} = \frac{D \times C \times 21.4}{v}$$

INDEX TO TRADE NUMBERS

Many manufacturers use the same numbers to identify the various articles in their catalogues. To prevent duplication of these numbers we have assigned a special Trade Number to each article listed in this catalogue. For convenience in identifying articles which are familiarly known by the manufacturer's number, this number is also given in many pages in addition to the Trade Number.

The following index refers to our Trade Numbers only. There is no index to manufacturers' numbers. Therefore, always use our Trade Numbers in ordering material.

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